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Subject: Delavan Spray Technologies Site - Spring 2022 Semi-Annual Groundwater Monitoring Report

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Good afternoon, Cynde.

The Spring 2022 Semi-Annual Groundwater Monitoring Report for the Delavan Spray Technologies Site is attached. A hard copy with attached cd is also on its way to you via FedEx.

Please feel free to contact me or the AECOM PM, Conan Fitzgerald, if you have any questions.

Best regards,
Leslee

Leslee J. Alexander PG

Senior Hydrogeologist / Project Manager, AECOM

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July 28, 2022

Ms. Cynde Devlin, Project Manager
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Bureau of Land and Waste Management
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Columbia, SC 29201

RECEIVED

JUL 29 2022

**SITE ASSESSMENT,
REMEDICATION, &
REVITALIZATION**

Re: Spring 2022 Semi-Annual Groundwater Monitoring Report
Delavan Spray Technologies Site
Bamberg, South Carolina
SCDHEC VCC Number 13-4762-RP
SCDHEC File Number 51778
AECOM Project Number 60681452

Dear Ms. Devlin:

AECOM Technical Services, Inc. (AECOM) has prepared one (1) hard copy and one (1) electronic copy of the Spring 2022 Semi-Annual Groundwater Monitoring Report for the Delavan Spray Technologies Site. This report is being submitted to the Department in accordance with the Remedial Investigation Work Plan (Hart & Hickman, August 1, 2013) and Voluntary Clean-up Contract (VCC) number 13-4762-RP, which was signed on July 3, 2013.

If you have any questions or require further information, please feel free to contact me.

Sincerely,

AECOM Technical Services, Inc.

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Spring 2022 Semi-Annual Groundwater Monitoring Report

**Delavan Spray Technologies Site
4334 Main Highway
US Highway 301 South
Bamberg, South Carolina**

VCC 13-4762-RP

Prepared by:

AECOM Technical Services, Inc.
10 Patewood Drive
Building 6, Suite 500
Greenville, South Carolina

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JUL 29 2022

**SITE ASSESSMENT,
REMEDATION, &
REVITALIZATION**

July 28, 2022

SPRING 2022 SEMI-ANNUAL GROUNDWATER MONITORING REPORT

DELAVAN SPRAY TECHNOLOGIES SITE BAMBERG, SOUTH CAROLINA

RESPONSIBLE PARTY VOLUNTARY CLEANUP CONTRACT NUMBER 13-4762

The undersigned certify that they have reviewed the attached document and that the document is in material compliance with the guidelines and requirements of the State of South Carolina and the South Carolina Department of Health and Environmental Control (SCDHEC) and specifically, requirements under the SCDHEC Voluntary Cleanup Contract (VCC). The data presentations contained herein are consistent with generally accepted practices in the environmental profession.

Prepared by:

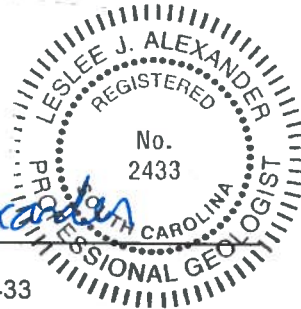
Mariah Rockwell

Mariah Rockwell
AECOM Geologist

July 27, 2022
Date

Leslee J. Alexander

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July 28, 2022
Date

Reviewed by:

Conan Fitzgerald

Conan Fitzgerald
AECOM Project Manager

July 27, 2022
Date

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1.0 INTRODUCTION

AECOM Technical Services, Inc. (AECOM) has prepared this *Spring 2022 Semi-Annual Groundwater Monitoring Report* for the Delavan Spray Technologies Site (the Site). The Site is located at 4334 Main Highway (US Highway 301 South) in Bamberg, South Carolina (**Figure 1**). The spring 2022 semi-annual groundwater sampling was completed to meet the on-going monitoring requirements of Voluntary Cleanup Contract (VCC) (VCC 13-4762-RP) that was signed between South Carolina Department of Health and Environmental Control (SCDHEC) and Delavan Spray, LLC (Delavan; SCDHEC, 2013) and in accordance with the *Remedial Investigation Work Plan* (Hart & Hickman, 2013) approved by SCDHEC October 22, 2013.

This report provides a brief overview of the Site (**Section 2.0**), describes the sampling activities (**Section 3.0**) and presents the results (**Section 4.0**). Conclusions based on the results are discussed in **Section 5.0**. Cited references are provided in **Section 6.0**.

2.0 OVERVIEW OF THE SITE

The facility manufactures several types of metal spray nozzles for fuel oils. The Site is comprised of a main manufacturing building and smaller associated support buildings, which are located on approximately 20 acres. A Site layout map is provided as **Figure 2** and a map of the monitoring well network is provided as **Figure 3**.

2.1 Background

Assessment activities were initiated at the Site in 2003, after chlorinated volatile organic compounds (VOCs) were detected in groundwater beneath the Site (H&H, 2003). The primary compounds of concern were reported to be tetrachloroethene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), 1,1-dichloroethene (1,1-DCE), and vinyl chloride (VC).

In 2005, Hart & Hickman, PC (H&H) injected Hydrogen Release Compound® (HRC) into shallow groundwater near monitoring wells MW-1, MW-9 and MW-10 to stimulate natural biodegradation of chlorinated compounds in groundwater (H&H, 2006). Post-injection monitoring was conducted by H&H between 2005 and 2007. The results indicated that chlorinated compound concentrations were reduced in Site groundwater (H&H, 2007). However, VOCs remained in the groundwater at these locations at concentrations exceeding the United States Environmental Protection Agency (USEPA) maximum contaminant levels (MCLs) for drinking water.

Between 2007 and 2011, H&H conducted multiple groundwater assessments at the Site and surrounding area to further delineate the horizontal and vertical extent of VOCs detected in groundwater. A semi-annual groundwater monitoring program was also instituted to evaluate any changes to groundwater conditions at the Site.

A source area investigation was completed at the Site in August 2012 to determine the nature and general extent of compounds of concern at the Site. The results of the August 2012 assessment indicated that VOC impacts to soil and groundwater are present at the former PCE underground storage tank (UST), and soil VOC impacts are present at both former degreaser areas, the former northern secondary containment area, and the northeastern wooded area. No soil VOC impacts were identified in the northwestern wooded area, and no VOC groundwater impacts were identified at the former northern secondary containment area (H&H, 2012 and 2013).

On July 5, 2013, a VCC between Delavan Spray, LLC and SCDHEC was executed (VCC 13-4762-RP). In accordance with **Section 3** of the VCC, a Remedial Investigation (RI) was conducted in February/March 2014 (AECOM, 2014). The RI results provided further delineation of VOCs in soil and groundwater beneath the Site. Furthermore, the RI sampling results were used in conjunction with existing data to complete a Human Health Risk Assessment (HHRA) and an Ecological Risk Assessment.

No additional VOC source areas were identified in soil as a result of the RI. However, following SCDHEC's review of the RI report, SCDHEC requested additional soil assessment to delineate VOC impacts in the vicinity of the northern former degreaser and additional monitoring wells to delineate VOC impacts in the shallow and deeper (limestone) aquifers. The additional assessment activities were incorporated into the

Post RI Work Plan (AECOM, 2015), which was implemented in late November 2015. The analytical results were presented in the *Post RI Report* (AECOM, May 2016) and provided further delineation of VOCs in soil and groundwater at the Site.

Following the *Post RI Report*, SCDHEC requested a “work plan for delineation of the shallow and deep groundwater plumes.” The *Groundwater Delineation Work Plan* (AECOM, September 2016), which included groundwater screening with temporary wells and permanent monitoring well installation, was approved by SCDHEC in correspondence dated October 31, 2016, and was implemented between March 27, 2017 and May 10, 2017. The results of the investigation, which are documented in the *Groundwater Delineation Report* (AECOM, June 2017), confirmed the presence of PCE concentrations greater than the MCL in the limestone aquifer monitoring wells ~3,200 feet south/southwest of the Site.

SCDHEC approved the *Groundwater Delineation Report* in correspondence dated June 26, 2017 and agreed with the report’s recommendation that additional delineation was needed for PCE in the limestone aquifer south/southwest of the monitoring well network. The *Limestone Aquifer Assessment Work Plan* was submitted to SCDHEC on October 13, 2017 to address these recommendations. Delavan and AECOM participated in a conference call with SCDHEC on June 27, 2018 to discuss potential next steps and revisions to the additional assessment activities proposed in the *Limestone Aquifer Assessment Work Plan* (AECOM, October 2017). The revised work plan was submitted on August 27, 2018 and approved in correspondence from SCDHEC dated September 20, 2018. The work plan was implemented in November 2019 once offsite access agreements were established and included the installation of four additional limestone aquifer monitoring wells to delineate the PCE plume in the limestone aquifer. Concentrations of PCE and its degradation products (TCE, cis-1,2-DCE, and vinyl chloride) were below their respective MCLs and these wells completed the delineation of PCE in the limestone downgradient of the Site (AECOM, June 2020).

After their review of the *Limestone Aquifer Assessment Work Plan*, in correspondence dated December 18, 2017, SCDHEC requested that Delavan conduct sampling of residential drinking water wells downgradient of the Site. Delavan and AECOM worked with SCDHEC to sample select residential drinking water wells:

- Along Lemon Creek and Orange Grove Roads between US Highway 301 (Main Highway) and US Highway 601 (Broxton Bridge Road) south/southwest of the Site (22 wells);
- Along Broxton Bridge Road between US Highway 301 and Orange Grove Road southeast of the Site (3 wells); and
- Along US Highway 301 southwest of the Site (2 wells).

Samples were collected from 27 residential wells between January and April 2018 and submitted for analysis of PCE and select degradation products (see **Figure 4** of the *Fall 2019 Semi-Annual Groundwater Monitoring Report*; AECOM, February 2020). In nine (9) of the samples, PCE was detected at low levels below its USEPA MCL of 5 micrograms per liter (µg/L). Subsequently, PCE was detected in two (2) additional residential wells in October 2018 and one additional well in April 2019. PCE was not detected in the remaining residential well samples (AECOM, February 2018; June 2018, January 2019, and June 2019). Although the PCE detections in the residential wells were well below the MCL, Delavan offered to install granular activated carbon (GAC) treatment units on the drinking water wells where the PCE was

detected at no cost to the residents (note – one impacted residential well is used for irrigation water only and, therefore, a GAC unit was not installed on this well). All 11 residents with impacted drinking water wells elected to have GAC units installed. Eight of the GAC treatment units were installed in July 2018 and treatment verification sampling was completed in August and September 2018 (AECOM, January 15, 2019). Three additional GAC treatment units were installed in October 2019 and verification sampling was completed in November 2019 (AECOM, February 2020).

Following completion of the limestone aquifer delineation field work, personnel from Raytheon Technologies Corporation and AECOM, on behalf of Delavan, met with SCDHEC to discuss the results of the off-site delineation and the path forward for the Site. Following this meeting, SCDHEC requested that surface water samples be collected from the unnamed tributary to Lemon Creek during the next semi-annual sampling effort (SCDHEC, March 2020). AECOM submitted the proposed plan for surface water sampling to SCDHEC on March 25, 2020 and SCDHEC approved the plan in correspondence dated April 7, 2020. Surface water sampling has been included in the semi-annual monitoring events since April 2020 and the results from the Spring 2022 event are discussed in **Section 4.3.** of this report.

In addition to completing the off-site delineation, Delavan prioritized developing plans to address elevated concentrations of chlorinated VOCs (cVOCs) in residual “source areas” beneath the Facility, specifically where there are “hot spots” in shallow groundwater in the vicinity of the former PCE degreasers and the former PCE underground storage tank. To address these “hot spots”, Delavan and AECOM also prepared a work plan for high resolution site characterization (HRSC) of the “hot spots” beneath the Facility using membrane interface probe (MIP) and hydraulic profiling tool (HPT) technology. This work plan was submitted to SCDHEC on February 11, 2019 and was approved by SCDHEC in correspondence dated March 1, 2019. The HRSC investigation was completed in July 2020; the report was submitted on March 9, 2021 and approved by SCDHEC in correspondence dated April 19, 2021.

A call was held with SCDHEC on June 1, 2021 to discuss interim measures to address soil impacts at the Site. Subsequent to this call, an *Interim Removal Action Work Plan* (AECOM, June 2021) for installation of a soil vapor extraction (SVE) system beneath the facility building was submitted and was approved by SCDHEC in correspondence dated June 28, 2021. Installation of the horizontal wells for the SVE system were completed in late September 2021. The system was installed in 2022, with formal startup in June 2022. In November of 2021, per the request of the SCDHEC during the June 1 call, AECOM submitted a site wide Feasibility Study, which recommended Air Sparging as the groundwater remedy to be implemented to address groundwater exceedances, particularly underneath the building. The Feasibility Study is currently in review with SCDHEC.

2.2 Geology

The Site lies within the western portion of the South Carolina Coastal Plain Province, which is characterized as a seaward thickening wedge of sediments from the fall line to the coast. These sediments consist of sands, silts, clays and limestones; representing a variety of non-marine and marine depositional environments.

For the purposes of Site characterization, the Delavan Spray Technologies Site geology has been subdivided into three general geologic zones by previous investigators. The upper zone consists of

undifferentiated sands, clayey sands, sandy clays, and silts. In the northern portion of the Site, these sediments tend to contain a higher percentage of clay and silty layers. The middle zone consists of fossiliferous limestone; with a layer of pale yellow, poorly cemented, coarse shell fragments overlying a layer of white, poorly- to moderately-cemented limestone containing finer-grained shell fragments. The lower geologic zone has been described as a loose- to moderately-cemented, calcareous, fine- to medium-grained clayey sandstone based on borings for monitoring wells MW-3D1 and MW-15D1 (H&H, August 2013). However, this zone was not encountered during the limestone aquifer delineation downgradient (south) of the Site, where the white, cemented limestone and shell fragments were observed to become finer-grained and persist to a depth of at least 84 feet below ground surface. These relationships were illustrated on cross-sections included as Figure 3 of the *Deep Groundwater Delineation Technical Memorandum* (AECOM, June 2020).

2.3 Hydrogeology

Groundwater occurrence in the Coastal Plain is typically within the intergranular pore spaces of the sands, silts and limestones (primary porosity) and within solution cavities or fractures of indurated sediments (secondary porosity). Primary production of groundwater occurs from within the more permeable units, while lower permeability clay layers typically retard groundwater movement. Recharge for significant aquifers in the Coastal Plain occurs both as transport from up-dip areas, toward the Fall Line, where the sediments are generally exposed at the land surface and as leakage from adjacent aquifer units through lower permeability aquitards.

3.0 GROUNDWATER MONITORING PROCEDURES

Spring 2022 semi-annual sampling activities were completed by AECOM personnel during April 12-14, 2022. Monitoring activities were conducted in accordance with the procedures described in the *RI Work Plan* (H&H, August 2013) and the sampling plan presented in the *Fall 2021 Semi-Annual Groundwater Monitoring Report* (AECOM, February 2022).

Semi-annual groundwater monitoring activities included:

- Groundwater level measurements were collected from 43 of 46 existing monitoring wells (**Figure 3**). Monitoring wells MW-15, MW-15D, and MW-15D1 were not visited for water level measurement or sampling because water levels in the stream were too high at the time of sampling for the crew to safely cross for access;
- Groundwater samples were collected from 27 existing monitoring wells using low-flow sampling techniques. Groundwater indicator parameters were collected from each well and all 27 groundwater samples were submitted for analysis of VOCs;
- Surface water samples were collected from five (5) locations:
 - o Halfmoon Branch at the intersection with Main Highway (US Highway 301);
 - o Lemon Creek at the intersection with Main Highway (US Highway 301);
 - o Lemon Creek at the intersection with Broxton Bridge Road (US Highway 601);
 - o Lemon Creek at the intersection with the power line right-of-way; and
 - o Lemon Creek at the intersection with Carlisle Street (State Rd S-5-77).
- A composite sample was collected from one (1) partially filled drum of aqueous investigation-derived waste (IDW) for analysis of VOCs, semi-volatile organic compounds (SVOCs) and priority pollutant metals for IDW characterization purposes.

The depth to water in the monitoring wells was measured using an electronic water level meter on April 12, 2022, prior to the start of sampling activities. The water levels were used to create potentiometric maps of the aquifer zones discussed in **Section 4.1** below.

Monitoring wells were purged using a peristaltic pump and water levels were monitored during purging. Groundwater quality indicator parameters of pH, specific conductance, dissolved oxygen, oxidation-reduction potential (ORP), turbidity, and temperature were monitored during the groundwater purging process and recorded on the Field Data Logs for Groundwater Sampling, which are included in **Appendix A**. Samples were collected once the parameters had stabilized in accordance with the low-flow sampling procedure in the work plan (H&H, August 2013). Surface water samples were also collected with a peristaltic pump and field parameters at the time of sampling were recorded on the Field Data Logs for Surface Water / Sediment Sampling that are included in **Appendix A**.

Upon collection, all groundwater and surface water samples were labeled, preserved on ice, and kept under chain-of-custody protocol until received at the subcontract analytical laboratory. The samples were received

by the laboratory in good condition with no quality assurance (QA) / quality control (QC) issues. Chain-of-custody forms are included in **Appendix A**.

All monitoring well groundwater samples and surface water samples were analyzed for VOCs by USEPA Method 8260D. The aqueous IDW sample was analyzed for VOCs by USEPA Method 8260D, SVOCs by USEPA Method 8270E, and priority pollutant metals by USEPA Methods 6010D and 7470A. Monitoring well groundwater, surface water, and aqueous IDW samples were analyzed by SGS North American, Inc., located in Orlando, Florida, a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and State of South Carolina certified laboratory. Laboratory analytical data packages are provided in **Appendix B**.

4.0 RESULTS

4.1 Groundwater Flow

Water level measurements were collected on April 12, 2022 and are summarized on **Table 1** along with their corresponding groundwater elevations. Groundwater elevations measured in monitoring wells completed in the shallow aquifer zone were used to create a potentiometric map of the water-table surface (**Figure 4**). The spring 2022 water levels within the shallow aquifer zone occur between 14.12 and 140.94 feet in elevation. Shallow water level elevations are 1.64 feet higher on average than those collected during the fall 2021 groundwater monitoring event (October 2021). Compared to shallow aquifer zone water levels measured during the spring 2021 groundwater monitoring event (April 2021), April 2022 water levels on average were 0.29 feet lower. These differences are likely attributable to precipitation differences during these time periods (National Oceanic and Atmospheric Administration [NOAA] National Climatic Data Center [NCDC], 2021). Shallow flow patterns resulting from the spring 2022 water level measurements are similar to those observed previously at the Site. The equal potential lines indicate groundwater flow beneath the Facility varies between southwestward and westward flow directions, with a local groundwater depression beneath the Facility building at monitoring wells MW-1, MW-3, MW-8, and MW-21. This phenomenon was previously recognized in the *RI Work Plan* (H&H, August 2013) and characterized as a “groundwater trough”, a feature that has been observed to extend to MW-6 and MW-20 during previous field investigation efforts. The variances in groundwater elevation and flow directions in this portion of the Site could be the result of preferential flow pathways resulting from higher permeability zones due to local facies changes or induced drainage from the sanitary sewer line or incised drainage ditch, which forms the northern boundary of the Facility. However, the primary shallow horizontal groundwater flow direction is inferred to be toward the west, toward Halfmoon Branch, which is consistent with findings from prior investigations conducted at the Site. The wells west of the facility indicate an isolated groundwater mound at MW-27, which has been observed intermittently during previous groundwater monitoring events.

Based on the April 2022 water level elevations within the deeper limestone aquifer zone, the potentiometric surface occurs between 128.56 and 135.58 feet in elevation (**Figure 5**). Groundwater elevations in April 2022 are on average 0.80 feet higher than those measured during the fall 2021 groundwater monitoring event (October 2021) and are on average 0.24 feet lower than those collected during the spring 2021 groundwater monitoring event (April 2021). From the equal potential lines, the inferred horizontal groundwater flow direction is to the south-southwest and is consistent with regional topography, drainage and findings from prior investigations conducted at the Site.

Vertical gradients are summarized in **Table 2**. Gradients between the shallow aquifer and deeper limestone aquifer were downward for all measured well pairs (e.g., MW-3/MW-3D, MW-9/MW-9D, MW-10/MW-10D, MW-14/MW14-D, MW-16/MW-16D, and MW-21/MW-21D), and ranged from 2.17E-02 feet per foot (ft/ft) at MW-3/MW-3D to 1.24E-01 ft/ft at MW-9/MW-9D. The shallow to deeper gradient near the Half Moon Branch creek was 7.26E-02 at MW-16/MW-16D. For the deeper limestone aquifer / deep sandstone aquifer well pair, the gradient was an upward gradient (-2.99E-0 ft/ft) at MW-3D/MW-3D1.

4.2 Groundwater Quality

Groundwater quality indicator parameters, including pH, specific conductance, dissolved oxygen and ORP were measured in the field during the well purging and sampling process. A summary of the groundwater quality indicator parameters is presented in **Table 3**. The groundwater sampling logs are included in **Appendix A**. Analytical data are included in **Appendix B** and the analytical results for the monitoring wells are summarized in **Table 4**. Historical data trends for VOCs detected since the RI (AECOM, 2014) are presented in **Appendix C** and trend plots of VOCs and groundwater elevation versus time for select monitoring wells are included in **Appendix D**.

Shallow Aquifer Zone Monitoring Wells

VOCs

In the 11 groundwater samples collected from shallow aquifer zone groundwater during the spring 2022 semi-annual monitoring, eight (8) VOCs (PCE, TCE, cis-1,2-DCE, 1,1-DCE, vinyl chloride, methylene chloride, 1,1,1-trichloroethane [1,1-TCA], and toluene) were detected (**Table 4**). With the exception of 1,1,1-TCA and toluene, all of the detected compounds exceeded their respective MCLs in one or more samples of shallow groundwater.

PCE was the most frequently detected VOC in shallow aquifer zone groundwater samples (11 detections) and groundwater concentrations exceeded the MCL (5 µg/L) in 10 shallow monitoring wells (MW-1, MW-3, MW-8, MW-9, MW-10, MW-19, MW-20, MW-21, MW-24, and MW-37; **Figure 6**). The two highest concentrations of PCE were at monitoring well MW-19 (52,400 µg/L) and MW-37 (27,100 µg/L), which are in the vicinity of the Former Northern PCE Degreaser. MW-21, which is located adjacent to the Former PCE UST and has been one of the monitoring wells with the highest PCE concentrations each sampling event since the well was installed in February/March 2014, had a PCE concentration of 10,300 µg/L. Elevated but lower concentrations of PCE were detected in shallow aquifer groundwater in MW-24 (1,670 µg/L) along the western property boundary, in MW-20 (190 µg/L) located near the Former Southern PCE Degreaser, in MW-9 (44.9 µg/L) and MW-10 (180 µg/L) located in the wooded areas of interest, in MW-8 (267 µg/L) located in the asphalt parking lot northeast of the main Facility building, in MW-3 (99.3 µg/L) downgradient of the Former PCE Secondary Containment Area, and in MW-1 (83.5 µg/L) adjacent to the Former PCE Secondary Containment Area. PCE was not detected in any shallow off-site, monitoring wells when they were last sampled in October 2020 (MW-15, MW-16, and MW-29) and October 2021 (MW-14, MW-27, and MW-28; **Appendix B**).

Detected TCE concentrations that exceeded the MCL occur across a smaller footprint than the PCE impacts and are typically present within the “hot-spots” of the PCE plume (**Figure 7**). TCE concentrations were detected in seven (7) shallow monitoring wells and exceeded the MCL (5 µg/L) in five (5) groundwater samples – MW-1 (6.1 µg/L), MW-8 (46.2 µg/L), MW-9 (6.6 µg/L), MW-10 (40.7 µg/L), and MW-21 (296 µg/L).

Cis-1,2-DCE was detected in seven (7) shallow monitoring wells and exceeded the MCL (70 µg/L) in one (1) monitoring well, MW-21 (791 µg/L; **Figure 8**). The detections of cis-1,2-DCE in the shallow aquifer correspond to “hot-spots” of PCE and TCE.

Vinyl chloride was detected and exceeded its MCL (2 µg/L) in one (1) shallow monitoring well – MW-21 (300 µg/L). The vinyl chloride detection is located within the cis-1,2-DCE hot spot in shallow groundwater. TCE, DCE, and vinyl chloride are generally understood to be present as daughter products of degradation of the weathered parent PCE.

1,1-DCE was detected in one monitoring well, MW-37 (113 µg/L), and the detection was above the MCL for 1,1-DCE (7 µg/L).

Methylene Chloride was detected at estimated concentrations (J-flagged) in seven (7) shallow monitoring wells and exceeded the MCL (5 µg/L) in all seven (7) locations – MW-9 (5.1 J µg/L), MW-10 (22.8 J µg/L), MW-19 (2,680 J µg/L), MW-20 (10.8 J µg/L), MW-21 (409 J µg/L), MW-24 (59.3 J µg/L), and MW-37 (661 J µg/L; **Figure 9**). The elevated detections of methylene chloride generally coincide with the PCE and TCE plumes in the shallow aquifer beneath the Site (**Figure 6** and **Figure 7**).

There were no exceedances of COCs in groundwater samples collected in October 2020 and October 2021 from off-Site wells screened in the shallow aquifer zone. Based on the current (April 2022) and recent (October 2020 and October 2021) data, the nature and extent of COCs has been delineated in the shallow aquifer beneath the Site.

Indicator Parameters

Groundwater quality indicator parameters were monitored for all shallow monitoring wells during the groundwater purging process and recorded on the Field Data Logs for Groundwater Sampling, which are included in **Appendix A**. Indicator parameters are also presented in **Table 3**. Select indicator parameters are summarized in the inset table below, along with their observed ranges and their optimal ranges for anaerobic biodegradation based on USEPA guidance (USEPA, 1998). Based on this information, dissolved oxygen within the tolerable range (<0.5 mg/L) for the reductive pathway in shallow monitoring well sampled in April 2022 (MW-21) and exceeds tolerable levels (>5 mg/L) in three (3) shallow monitoring wells (MW-3, MW-10, and MW-24). ORP is not within favorable ranges in any shallow monitoring wells. The pH was outside the optimal range for all but two of the 11 shallow monitoring wells sampled: MW-2 and MW-21. The low pH and elevated ORP levels observed over much of the shallow aquifer zone may inhibit natural degradation of chlorinated VOCs.

Analysis	Minimum	Maximum	Average	Optimal Range for Anaerobic Biodegradation Processes*
pH (S.U.)	4.34	5.04	4.79	5 < pH < 9 - Optimal range for reductive pathway 5 > pH > 9 - Outside optimal range for reductive pathway
Dissolved Oxygen (mg/L)	0.32	5.45	3.66	<0.5 mg/L - Tolerated, suppresses the reductive pathway at higher concentrations >5 mg/L - Not tolerated; however, VC may be oxidized aerobically
ORP (mV)	232.5	442.9	359.6	<50 millivolts (mV) - Reductive pathway possible <-100mV - Reductive pathway likely

* - from the *Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water* (USEPA, 1998).

Data Trends

As shown in the table of historical VOC results (**Appendix C**) and the trend plots (**Appendix D**), the VOC concentrations in many wells have decreased with time from their highest values. For instance, the PCE concentration in MW-1, located adjacent to the Former PCE Secondary Containment Area, has decreased from a historic high of 15,000 µg/L in June 2003 to the current concentration of 83.5 µg/L. The PCE concentrations in MW-9 and MW-10 have decreased from their maximums at the time of their installation in December 2003. Since December 2003, the PCE concentration in MW-9 has decreased from a high of 7,500 µg/L to a low of 44.9 µg/L in April 2022. The PCE concentration in MW-10 has decreased from 5,800 in December 2003 to a low of 41.4 µg/L in October 2016; the current PCE concentration is 180 µg/L. Similarly, the PCE concentration in MW-5 has decreased from a high of 345 µg/L in March 2005 and has been below the MCL for the last five monitoring events. The most recent (October 2020) PCE concentration in MW-5 is 0.89 J (estimated) µg/L.

Other wells, such as MW-3, located immediately downgradient of the Former PCE UST and the Former PCE Secondary Containment Area, exhibit mixed trend results. The PCE concentration in MW-3 has decreased from a high of 391 µg/L in October 2010 to an estimated value of 0.92 J µg/L in April 2015. The PCE concentration in MW-3 then increased to 199 µg/L in April 2017 before decreasing to 77.30 µg/L in October 2017. The current concentration (99.3 µg/L) is within the range of recent results. In addition, PCE concentrations in MW-8 decreased from a historic high (491 µg/L) in May 2012 to 7.8 µg/L in April 2016. PCE concentrations in MW-8 had increased through October 2020 before decreasing to 224 µg/L in April 2021; the current concentration of 267 µg/L (April 2022) is within the range of recent results.

Concentrations of PCE in groundwater from MW-19, located near the northern-most Former PCE Degreaser exhibited an increasing trend between October 2014 (14,000 µg/L) and October 2016 (34,600 µg/L). The PCE concentration of MW-19 decreased to 18,700 µg/L in May 2018 but then increased to 53,900 µg/L in April 2021, which is the highest recorded concentration for this monitoring well; the current concentration is 52,400 µg/L. The detected PCE concentration in down-gradient well MW-24, located on the western edge of the property, was on an increasing trend from 344 µg/L in December 2015 to 2,320 µg/L in fall 2018; PCE concentrations have since decreased and the current PCE concentration in MW-24 is 1,670 µg/L. The elevated concentrations observed in MW-24 since April 2017 are likely a result mass migrating from the hot-spot near MW-19. Other wells, such MW-20, which is located near the southern-most Former PCE Degreaser and had a concentration of 190 µg/L in April 2022, exhibit detected PCE concentration trends that seem to fluctuate with groundwater elevation changes (i.e., the concentrations decrease when water levels are low and increase when water levels are higher). This may indicate residual VOCs in the vadose zone near former source areas.

The VOC concentrations in groundwater from MW-21, located near the Former PCE UST, were relatively stable early in the monitoring history (i.e., detected PCE concentrations of 13,200 µg/L to 16,300 µg/L between March 2014 and April 2016), but decreased to 181 µg/L during the October 2016 event. The October 2016 PCE concentration appears to be anomalously low, as the concentrations subsequently increased to a new high concentration of 25,600 µg/L in May 2018 before decreasing to 10,300 µg/L in April 2022. TCE concentration in MW-21 have also increased from a low of 2.3 µg/L in October 2016 to a high of 403 µg/L in October 2019; the current TCE concentration is 296 µg/L.

Deeper Limestone Aquifer Zone Monitoring Wells

VOCs

Sixteen (16) groundwater samples were collected from the deeper limestone aquifer zone groundwater during April 2022, resulting in six (6) VOCs (PCE, TCE, cis-1,2-DCE, 1,1-DCE, methylene chloride, and toluene) that were detected (**Table 4**). Of these compounds, PCE, TCE, and Methylene Chloride exceeded their respective MCLs in one or more samples.

PCE was detected in 11 deeper aquifer zone groundwater samples and groundwater concentrations exceeded the MCL (5 µg/L) in all 11 of these samples (MW-3D, MW-12D, MW-13D, MW-14D, MW-21D, MW-22D, MW-25D, MW-26D, MW-30D, MW-31D, and MW-32DR; **Figure 10**). The detected PCE concentration was highest in the deeper limestone aquifer down-gradient of the southeast corner of the main building, down-gradient of areas where PCE has been used historically on-Site (277 µg/L at MW-3D). PCE concentrations exceeded the MCL (5 µg/L) in on-site down-gradient monitoring wells MW-12D (26.2 µg/L), MW-13D (98.4 µg/L), and MW-21D (59.9 µg/L) and in off-Site down-gradient monitoring wells MW-14D (50.5 µg/L), MW-22D (81.8 µg/L), MW-25D (96.1 µg/L), MW-26D (52.1 µg/L), MW-30D (68.4 µg/L), MW-31D (126 µg/L), and MW-32DR (18.7 µg/L).

TCE concentrations were detected in four (4) samples from the deeper aquifer zone during the Spring 2022 monitoring event. All of the detected concentrations were below the MCL of (5 µg/L), except for one sample in on-Site well MW-3D (8.8 µg/L) (**Figure 11**). TCE was also detected in off-Site down-gradient wells MW-14D, MW-26D, and MW-30D, but at low concentrations below the MCL.

Cis-1,2-DCE was detected in seven (7) samples from deeper limestone aquifer zone groundwater during the spring 2022 monitoring event (MW-3D, MW-14D, MW-21D, MW-25D, MW-26D, MW-30D, and MW-31D). None of the detected concentrations exceeded the MCL for cis-1,2-DCE (70 µg/L; **Table 4**).

Methylene Chloride was detected in three (3) samples in the deeper aquifer zone and two (2) exceeded the MCL (5 µg/L) – MW-21D (5.1 J µg/L, estimated) and MW-31D (5.7 J µg/L, estimated; **Figure 12**).

The groundwater contaminant plume in the deeper limestone aquifer is limited to PCE with one small area at MW-3D where the TCE concentration exceeds its MCL and an estimated detection at MW-31D that exceeds the MCL for methylene chloride. The concentrations of all other constituents are either below their respective MCLs or not detected. Based on current and recent data (AECOM, February 2020; June 2020; March 2021, July 2021, and February 2022), the nature and extent of COCs has been delineated in the deeper limestone aquifer.

Indicator Parameters

Groundwater quality indicator parameters were monitored in all deeper limestone aquifer monitoring wells during the groundwater purging process and recorded on the Field Data Logs for Groundwater Sampling, which are included in **Appendix A**. Indicator parameters are also presented in **Table 3** and select parameters are summarized in the inset table below, along with their observed ranges and their optimal ranges for anaerobic biodegradation based on USEPA guidance (1998). Based on this information, measured pH values are optimal in all deeper aquifer monitoring wells except MW-12D and MW-34D. Dissolved oxygen values are within the tolerable range (<0.5 mg/L) only in MW-14D, MW-21D, and MW-36D, but exceeds tolerable levels (>5 mg/L) in deeper aquifer monitoring well MW-12D. ORP values

measured in April 2022 are not favorable in deeper aquifer monitoring wells except MW-14D, MW-21D, MW-34D, and MW-36D. Observed elevated ORP levels and the lack of dissolved oxygen levels in the favorable range in many areas may inhibit natural degradation of chlorinated VOCs.

Analysis	Minimum	Maximum	Average	Optimal Range for Anaerobic Biodegradation Processes*
pH (S.U.)	7.34	10.42	7.94	5 < pH < 9 - Optimal range for reductive pathway 5 > pH > 9 - Outside optimal range for reductive pathway
Dissolved Oxygen (mg/L)	0.35	5.42	2.67	<0.5 mg/L - Tolerated, suppresses the reductive pathway at higher concentrations >5 mg/L - Not tolerated; however, VC may be oxidized aerobically
ORP (mV)	-147.5	180.9	100.7	<50 millivolts (mV) - Reductive pathway possible <-100mV - Reductive pathway likely

* - from the *Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water* (USEPA, 1998).

Data Trends

As with the shallow aquifer zone, the historical VOC results (**Appendix C**) and trend plots (**Appendix D**) for deeper groundwater show that the VOC concentrations in many wells have decreased with time from their highest values. For instance, PCE concentrations in MW-12D have decreased from a maximum of 451 µg/L detected in April 2010 to a low concentration of 12 µg/L in May 2011. Since then, PCE concentrations have fluctuated between 20.8 µg/L in November 2011 to 140 µg/L in April 2016, with a current concentration of 26.2 µg/L. PCE concentrations in MW-13D have decreased from a maximum of 292 µg/L in April 2010 and have been relatively steady at less than 200 µg/L since May 2011, except for an increase to 298 µg/L in October 2016. Since then, the PCE concentration in MW-13D has decreased and the current concentration (98.4 µg/L) is within the range of recent concentrations. The periodic increases in PCE in the deeper, down-gradient monitoring wells (e.g., MW-12D and MW-13D) may be a lagging response to increases observed in shallow monitoring wells near source areas in previous monitoring events.

Some of the deep monitoring wells on-site have exhibited more varied PCE concentrations. For instance, the PCE concentration in MW-3D has decreased from a maximum of 764 µg/L detected in April 2010 to values between approximately 200 µg/L and 400 µg/L from March 2014 to April 2020. The April 2022 concentration, 277 µg/L, is within the recent range for this well. PCE concentrations in MW-21D have decreased from 283 µg/L in March 2014 to 72.9 µg/L in October 2017. The concentration then increased to 357 µg/L in October 2018 before decreasing to 9.6 µg/L in April 2020. The current PCE concentration in MW-21D is 59.9 µg/L.

After the initial sampling of down-gradient well MW-14D, concentrations have remained fairly consistent throughout the monitoring period, between approximately 50 µg/L and 90 µg/L. The current PCE concentration is 50.5 µg/L. In other down-gradient monitoring wells, such as MW-22D and MW-25D, PCE concentrations have remained fairly consistent since the wells were installed. Other wells exhibited relatively consistent PCE values until exhibiting a recent decline (e.g., MW-26D has been declining October 2020) or were increasing until a recent decline in PCE values (e.g., MW-30D and MW-31D).

VOC concentrations in some deeper aquifer wells exhibit trends that correspond to water level fluctuations, such as with MW-13D (Appendix D). Other wells, such as MW-14D and MW-21D, show no clear trend related to groundwater elevation or, in the case of off-Site down-gradient well MW-22D, trend opposite groundwater elevations (i.e., concentrations decrease when water levels increase) in many instances. It is unclear if the reduction in flow during periods of lower water levels simply leads to less dilution (i.e., higher concentrations in water) or if PCE trends are the result of lag-time in transport to the wells further down-gradient.

4.3 Surface Water Quality

Five surface water samples were collected in April 2022 (**Figure 13**) for analysis of VOCs as requested by SCDHEC and discussed in **Section 2.1**. PCE was detected at a low, concentration in one sample from SW-01-LC (1 µg/L), collected downgradient of the PCE plume at the intersection of Lemon Creek with Hwy 601. The detected concentration of PCE was less than the MCL for PCE (5 µg/L) and was below the SCDHEC Water Classification Standards for PCE based on consumption of an organism only (3.3 µg/L; SCDHEC, June 2014). It was also the lowest detection of PCE at this location since April 2020. Toluene was detected at a low, estimated concentration in one sample from SW-04-TLC (0.43 J/B/T µg/L, estimated). The detected concentration of toluene was below the MCL for toluene (1,000 µg/L) and toluene was also detected in the associated trip blank. No other VOCs were detected in surface water samples in April 2022 (**Table 5**).

The lack of detections in upgradient portions of the creeks (i.e., in surface water samples SW-03-HMB, SW-02-LC, and SW-04-TLC) coupled with the low detection in the downgradient portion of Lemon Creek (SW-01-LC), indicates that deeper aquifer groundwater impacted with PCE concentrations is mixing with shallow aquifer groundwater and discharging to Lemon Creek. This is consistent with the site conceptual model presented in the *Deep Groundwater Delineation Technical Memorandum* (AECOM, June 2020), which was approved by SCHDEC in correspondence dated June 23, 2020. Surface water sample SW-05-LC, collected down-gradient from the PCE detection in Lemon Creek, demonstrates that the PCE impacts to Lemon Creek are limited and delineated in the down-gradient direction.

4.4 Investigation Derived Waste

One partial drum of purge and decontamination water was generated as IDW during the semi-annual sampling activities. One composite IDW water sample was collected from the drum for analysis of VOCs by USEPA Method 8260D, SVOCs by USEPA Method 8270E, and metals by USEPA Methods 6010D and 7470A. IDW sample results were screened against maximum concentration for the Toxicity Characteristic listed in Code of Federal Regulations (40CFR§261.24). The results are summarized in **Table 6** and show that the IDW is classified as hazardous due to the concentration of PCE. These results were used to generate a waste profile and identify appropriate disposal options for the IDW with a Delavan-approved disposal facility. The drum is staged in a facility waste accumulation area. Delavan Spray Technologies Site personnel are managing the transport and disposal of IDW generated during semi-annual monitoring events.

4.5 Quality Assurance / Quality Control

The analytical data (**Appendix B**) associated with the semi-annual sampling were validated in accordance with the procedures outlined in the RI Work Plan (H&H, August 2013). QA/QC sample results are presented in **Table 7** and data qualifiers added to the analytical data as a result of the validation process are defined in **Table 8**. The data assessment reports (DARs; **Appendix B**) explain data qualifiers added to the sample results as a result of the validation process.

Per the work plan, QA/QC samples collected include field duplicate samples, trip blank samples, and matrix spike/matrix spike duplicate (MS/MSD) samples. The results of these samples are discussed in the following sections. All duplicate, MS/MSD, and trip blank samples were analyzed by SGS North America, Inc., located in Orlando, Florida.

The validation of the analytical data from this event did not result in the rejection of any data. Therefore, the data associated with this laboratory batch should be considered compliant and adequate for its intended use.

Field Duplicates

Duplicate samples, designated with an “-A” suffix, were collected at the frequency of one per ten primary samples for groundwater samples. The results of the primary and field duplicate groundwater samples are provided in **Table 7**. No data qualifiers were added to the data as a result of the RPD between the primary and field duplicate samples.

Trip Blanks

Trip blank samples were submitted daily for coolers containing an aqueous sample for the analysis of VOCs. The results of the trip blank samples are provided in **Table 7**. Detections of toluene in any sample (except Trip Blank JB and Trip Blank MR) were qualified “/B/T” in **Table 4** due to the presence of the analyte in the sample and associated trip blank samples. .

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

MS/MSD samples were collected at a frequency of one per twenty primary samples and are included in the analytical data packages provided in **Appendix B**; however, these results were not tabulated as the information only pertains to the primary sample with which the MS/MSD is associated. No qualifiers were added as a result of the evaluation of MS/MSD samples from this event.

5.0 CONCLUSIONS

The following conclusions are submitted based on the evaluation of the spring 2022 semi-annual monitoring results and a limited comparison to previous sampling results:

- Shallow water levels in April 2022 were on average 1.64 ft higher than those collected during the fall 2021 groundwater monitoring event (October 2021) and are on average 0.29 feet lower than those measured during the spring 2021 groundwater monitoring event (April 2021). In the deeper limestone aquifer, groundwater elevations in April 2022 are on average 0.80 feet higher than those measured during the fall 2021 groundwater monitoring event (October 2021) and are on average 0.241 feet lower than those collected during the spring 2021 groundwater monitoring event (April 2021). The shape of the potentiometric surfaces and groundwater flow patterns in both the shallow and deeper aquifer zones are similar to those observed in the fall 2021 and spring 2021 monitoring events and previous investigations.
- Concentrations of VOCs in the main plume in the shallow aquifer are delineated on-Site and bounded by non-detect values of PCE in downgradient off-Site wells MW-27 and MW-28 (**Figure 6**). There were no COCs detected in off-Site monitoring wells screened in the shallow aquifer unit when they were last sampled in October 2020 and October 2021.
- Concentrations of VOCs are delineated in deeper limestone aquifer groundwater. PCE and methylene chloride are the only VOCs detected above their MCLs off-site in deeper aquifer groundwater. As illustrated on **Figure 10**, PCE occurs in groundwater at concentrations above the MCL to the south / southwest of the site at monitoring well locations MW-14D, MW-22D, MW-25D, MW-26D, MW-30D, MW-31D and MW-32DR. The occurrence of PCE at these well locations is consistent with the inferred groundwater flow direction. These PCE concentrations have been delineated to below the MCL with the addition of the monitoring wells (i.e., MW-33D, MW-34D, MW-35D, and MW-36D; **Figure 9**) installed as part of the November 2019 Limestone Aquifer Assessment. As shown on Figure 12, there is an isolated, estimated detection of methylene chloride at MW-31D that is delineated by non-detect values at MW-26D, MW-30D, MW-33D, and MW-32DR.
- Results of surface water analytical samples were non-detect for VOCs with the exception of PCE (1 µg/L) in surface water sample SW-01-LC (**Figure 13**). The surface water concentrations indicate deeper aquifer groundwater impacted with PCE concentrations is mixing with shallow aquifer groundwater and discharging to Lemon Creek, which is consistent with the conceptual site model (AECOM, June 2020). The detected concentration of PCE was less than the MCL for PCE (5 µg/L) and was below both the SCDHEC Water Classification Standards for PCE based on consumption of an organism only (3.3 µg/L; SCDHEC, June 2014). Furthermore, a downgradient surface water sample at SW-05-LC was non-detect for PCE and demonstrates that the impacts to Lemon Creek are limited (**Figure 13**)

Based on the data collected and reviewed since the RI, water levels and groundwater VOC concentrations fluctuate over time in some areas of the Site. Some wells, including MW-13D and MW-20, exhibit trends in PCE concentration that track with water level fluctuations. Other wells, such as MW-9, MW-14D, MW-19

MW-21, and MW-21D, exhibit mixed behavior or no trend regarding VOC and water level trends. The cause for the observed trends is not completely clear and is complicated by the residual VOC mass that has been documented to be present in hot-spots beneath the building footprint (i.e., in the vicinity of the Former PCE Degreasers).

In accordance with the monitoring requirement of the VCC, the next semi-annual sampling event is scheduled to occur in October 2022. Groundwater and surface water monitoring will be conducted in accordance with the approved sampling plan included in Table 9 of the Fall 2021 Semi-Annual Groundwater Monitoring Report (AECOM, February 2022). Furthermore, the 11 residential wells where GAC treatment has been installed will be sampled in accordance with Table 10 of the Fall 2021 Semi-Annual Groundwater Monitoring Report (AECOM, February 2022).

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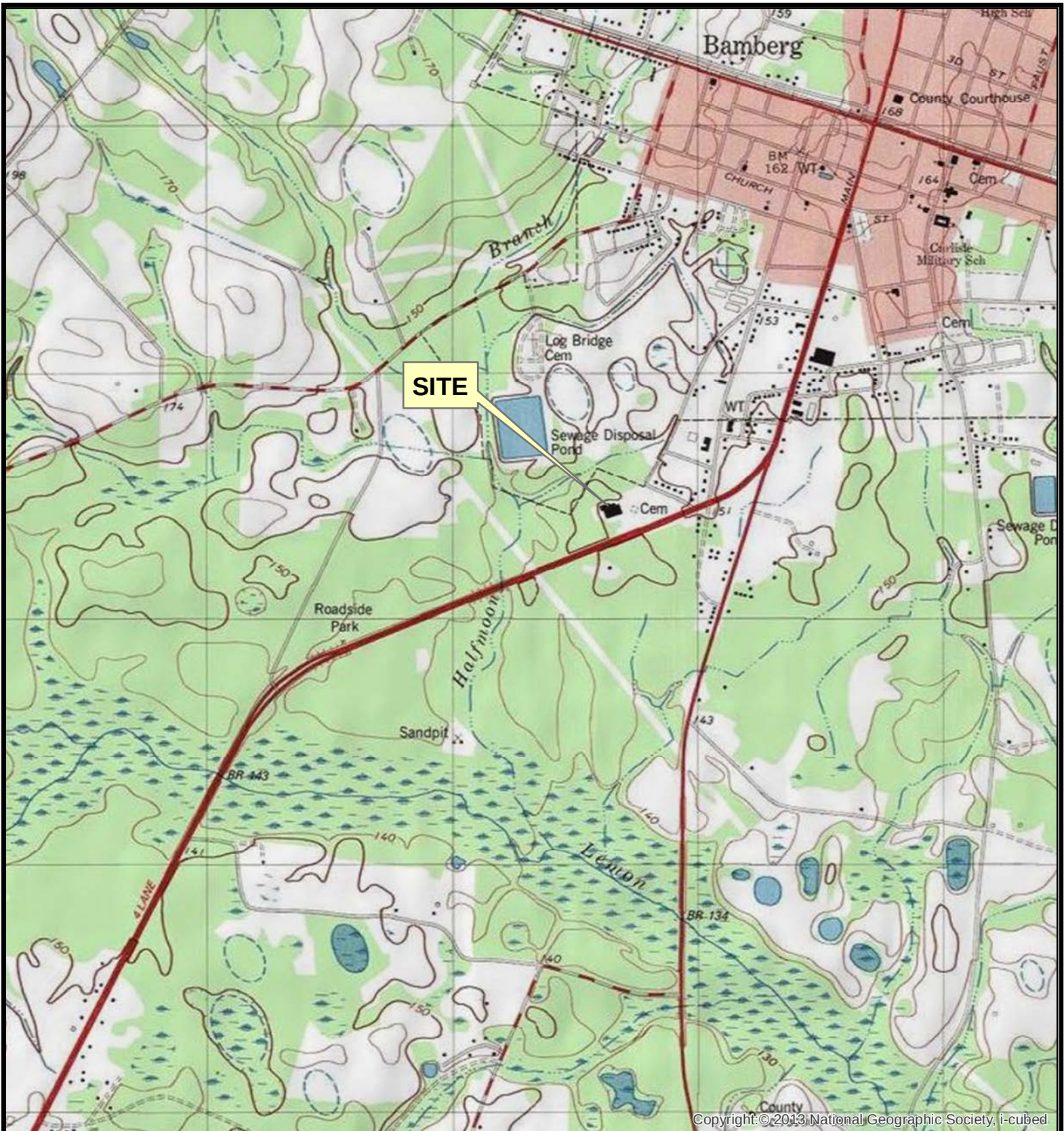
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FIGURES



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Feet

U.S.G.S. QUADRANGLE MAP
BAMBERG, SC 1979 (PHOTO REVISED 1987)

QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

AECOM

10 Patewood Drive, Building 6, Suite 500
Greenville, SC 29615
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Delavan Spray Technologies Site
Bamberg, South Carolina

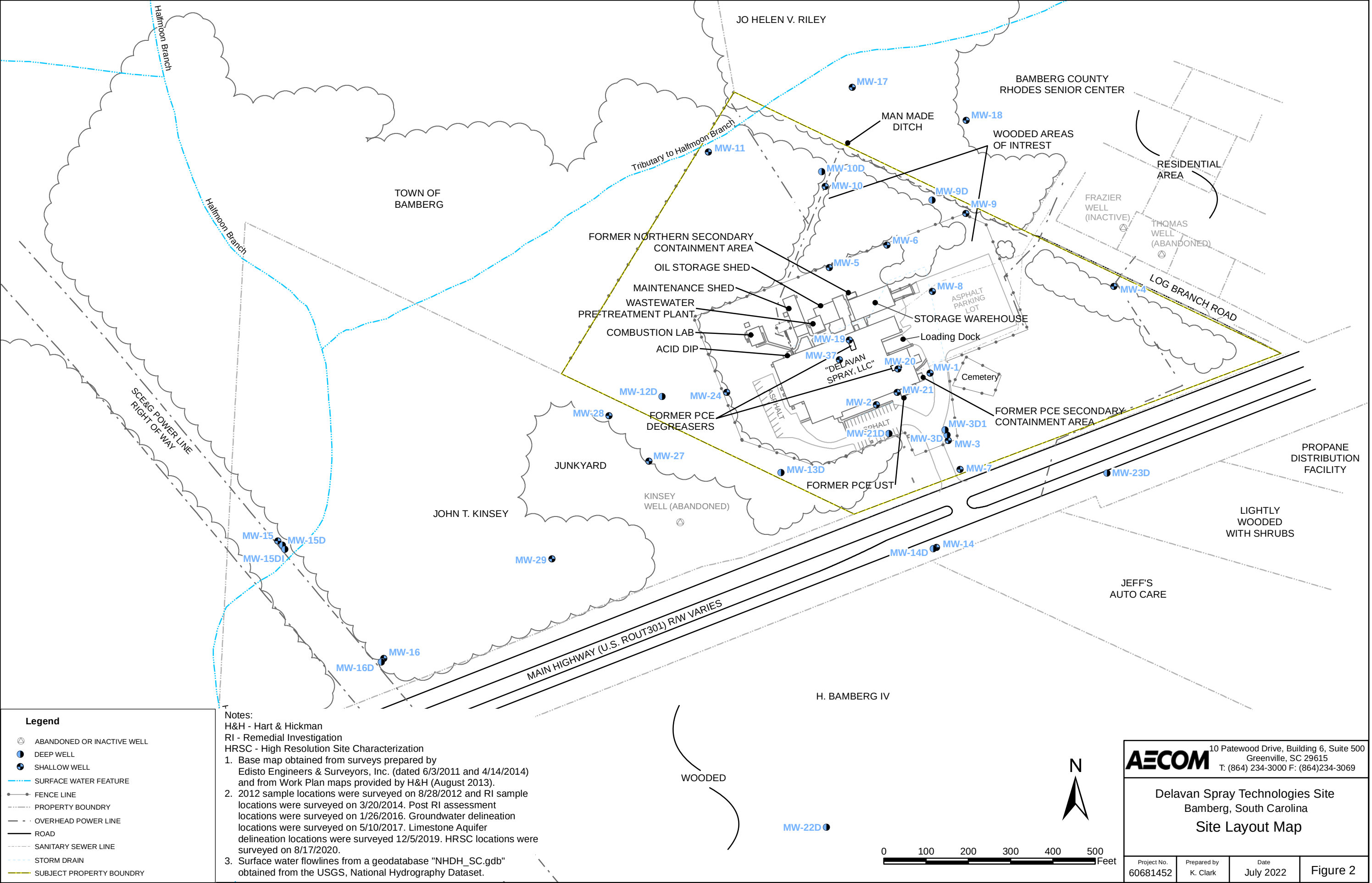
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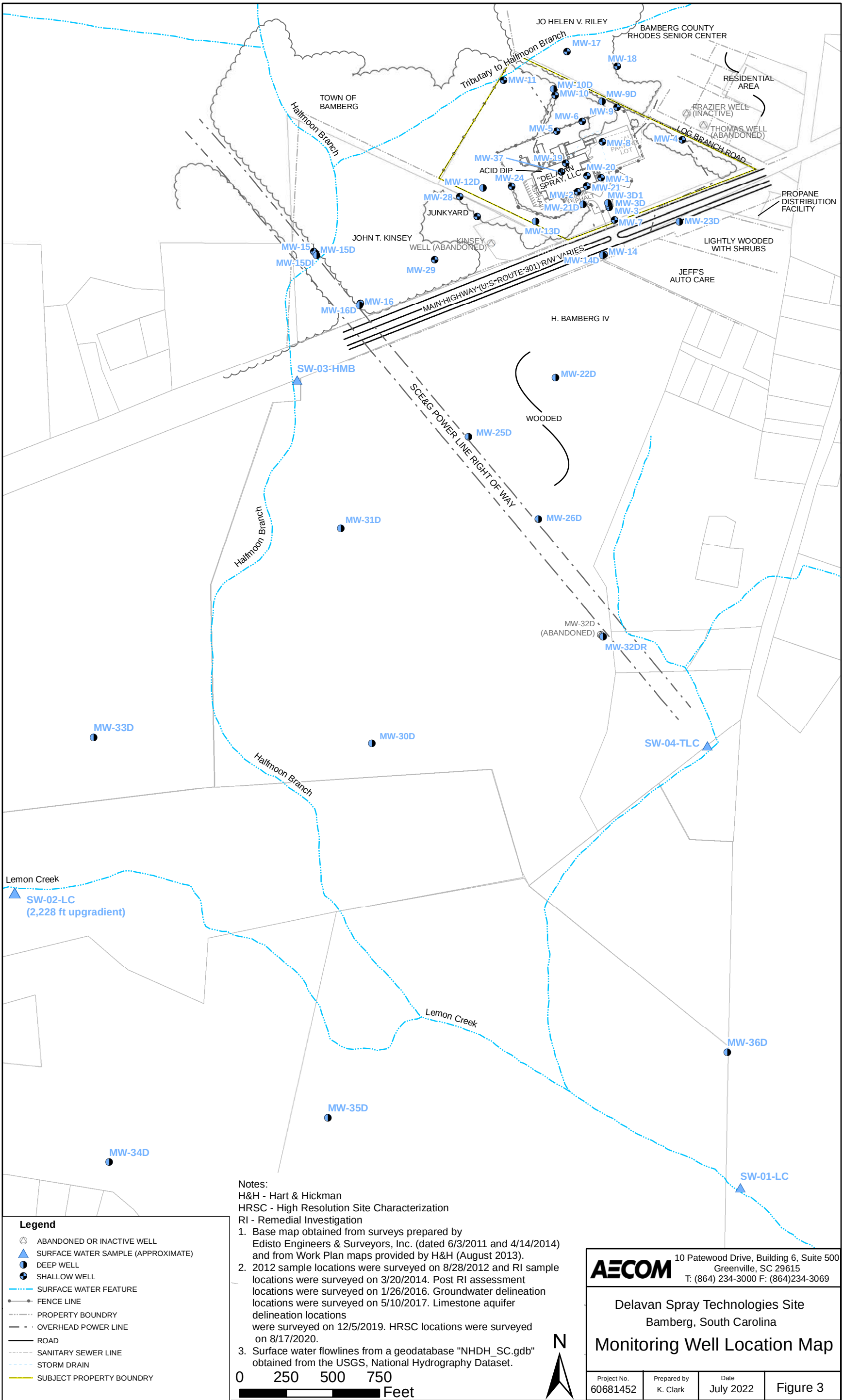
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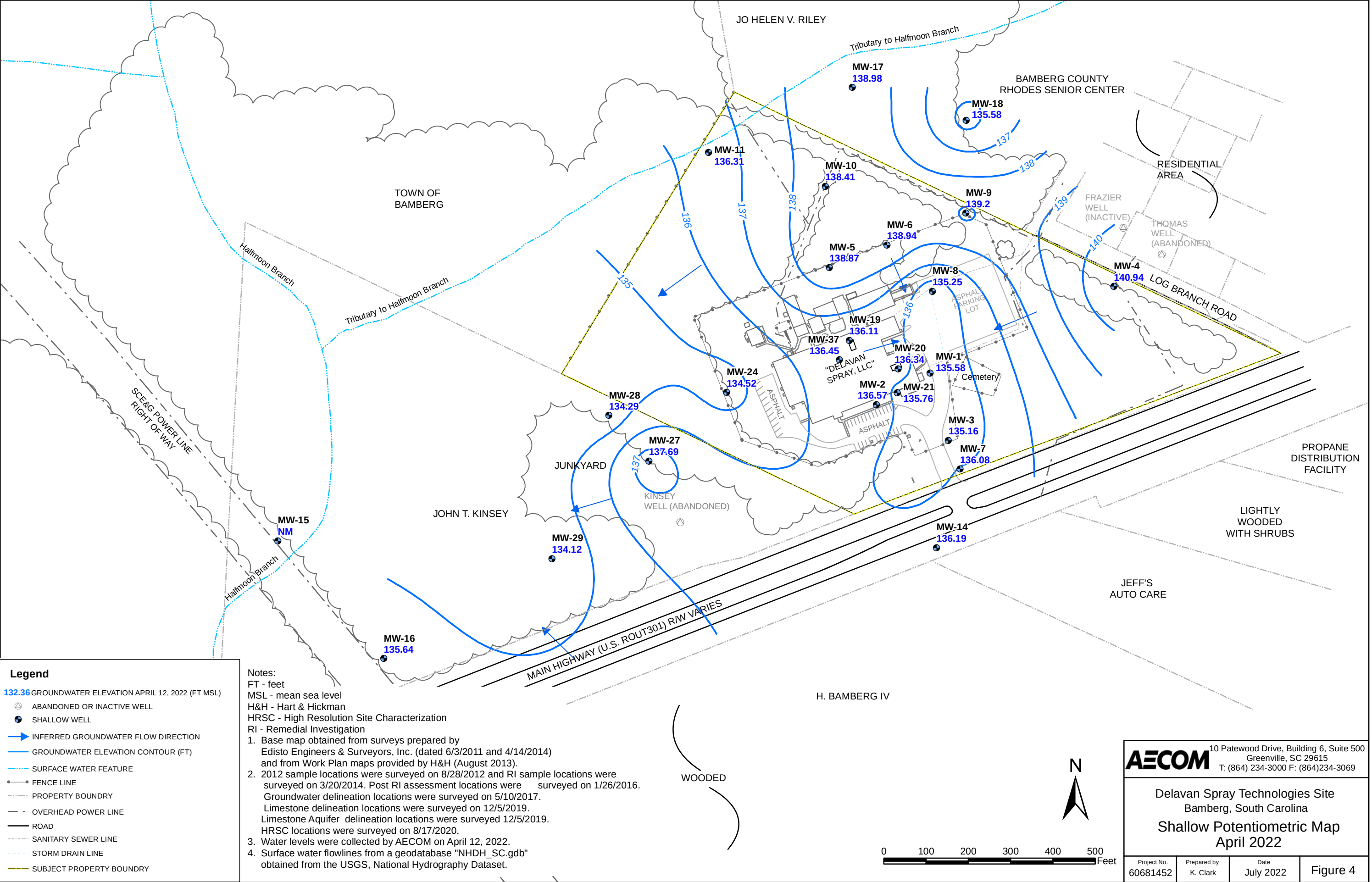
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KCG

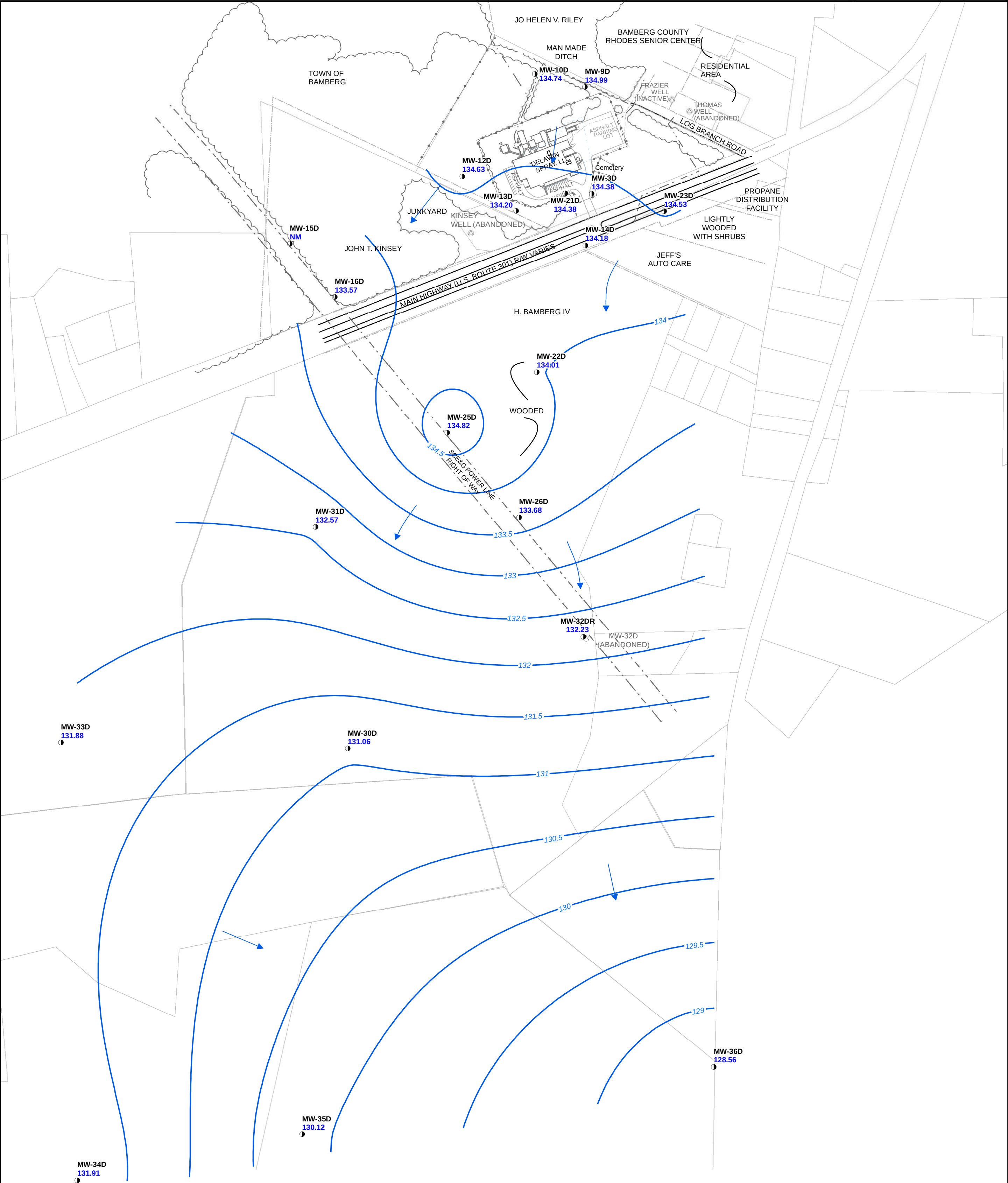
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Figure 1



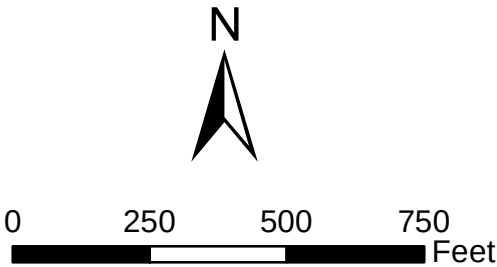




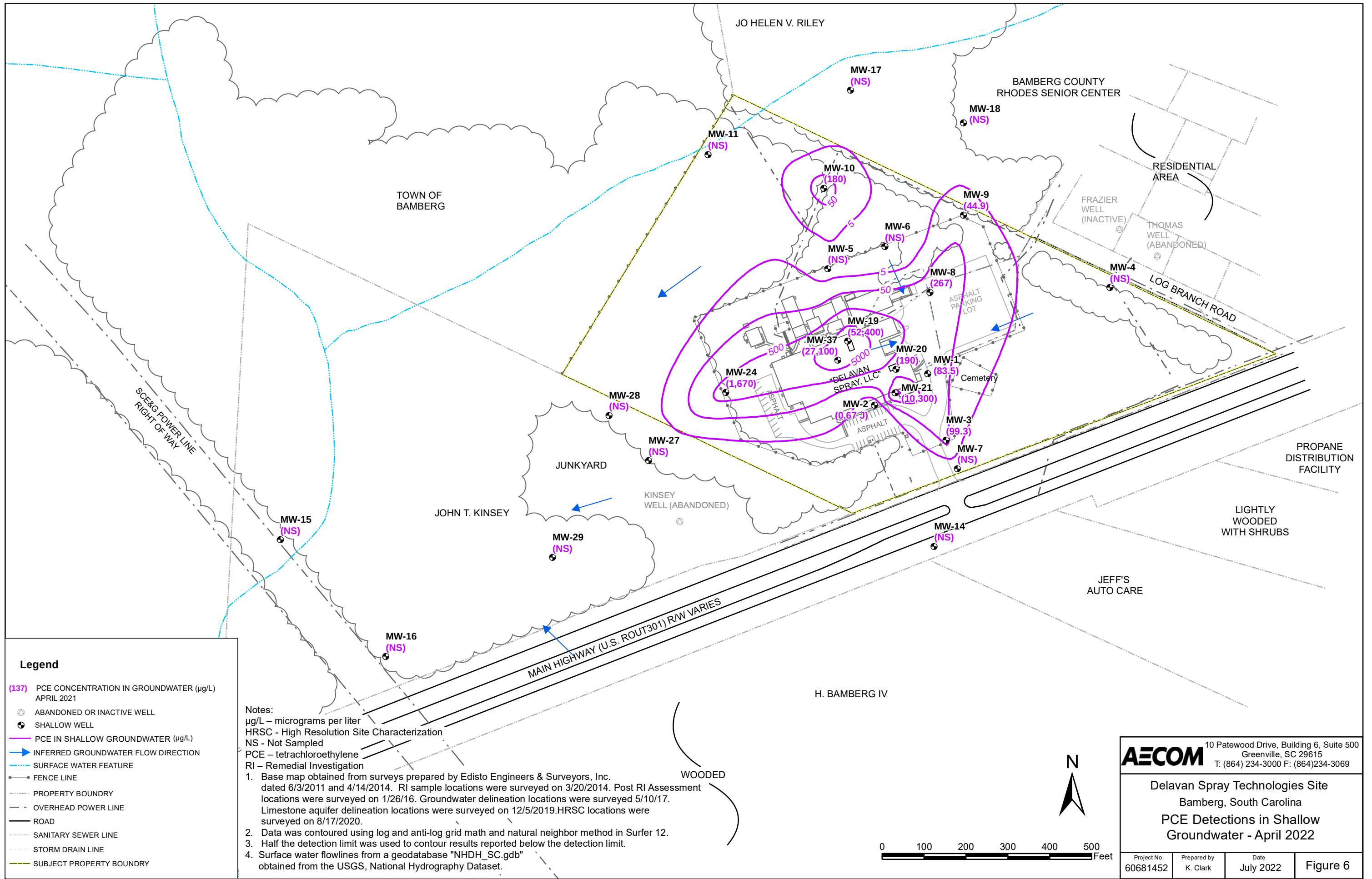


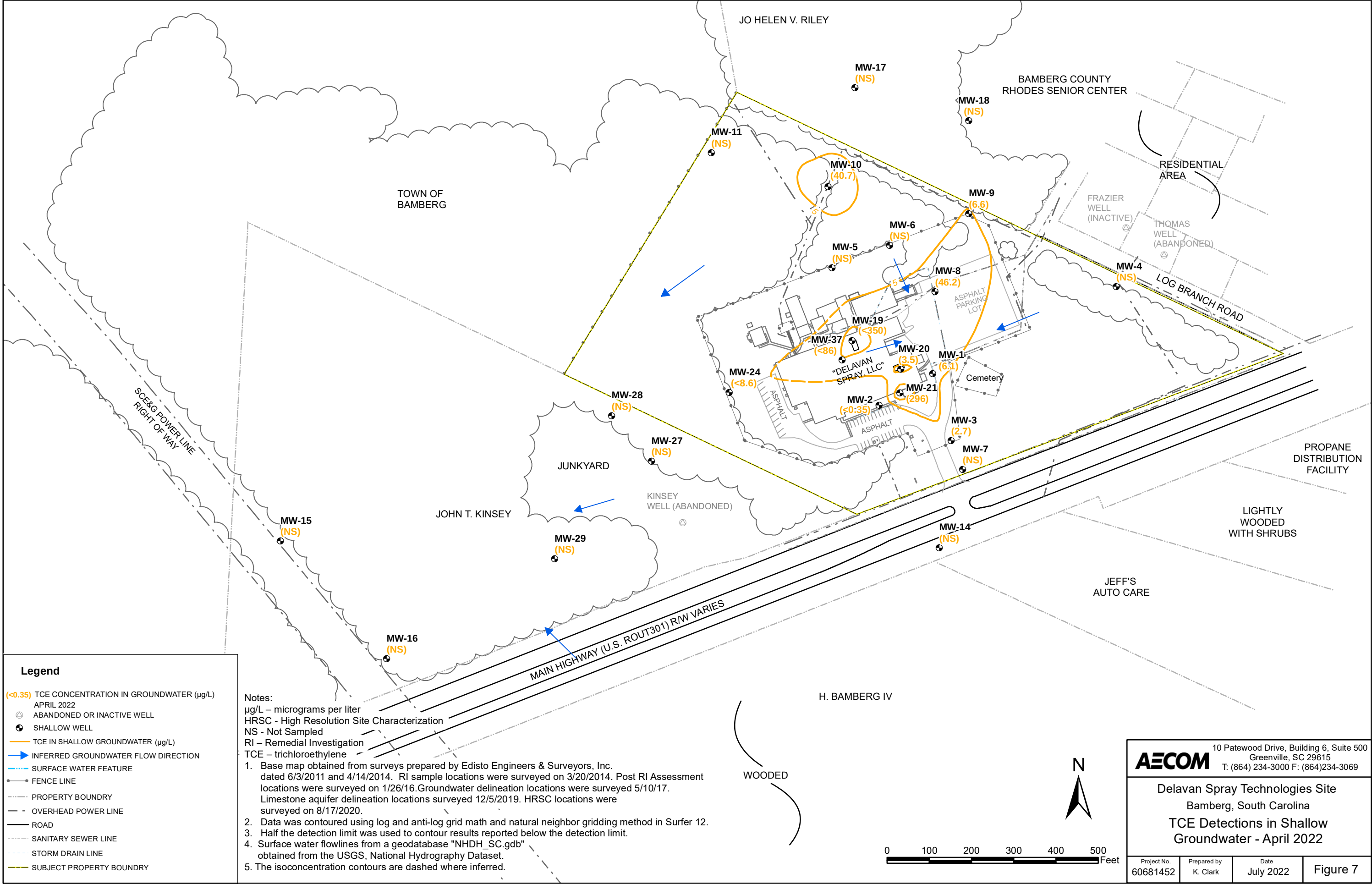
Notes:
H&H - Hart & Hickman
RI - Remedial Investigation
HRSC - High Resolution Site Characterization
NS - Not Sampled; Posted result is from October 2020
1. Base map obtained from surveys prepared by Edisto Engineers & Surveyors, Inc. (dated 6/3/2011 and 4/14/2014) and from Work Plan maps provided by H&H (August 2013).
2. 2012 sample locations were surveyed on 8/28/2012 and RI sample locations were surveyed on 3/20/2014. Post RI assessment locations were surveyed on 1/26/2016. Groundwater delineation locations were surveyed on 5/10/2017. Limestone Aquifer delineation locations were surveyed 12/5/2019. HRSC locations were surveyed on 8/17/2020.
3. Water levels were collected by AECOM on April 12, 2022.
4. Surface water flowlines from a geodatabase "NHDH_SC.gdb" obtained from the USGS, National Hydrography Dataset.
5. Contours are dashed where they are inferred.

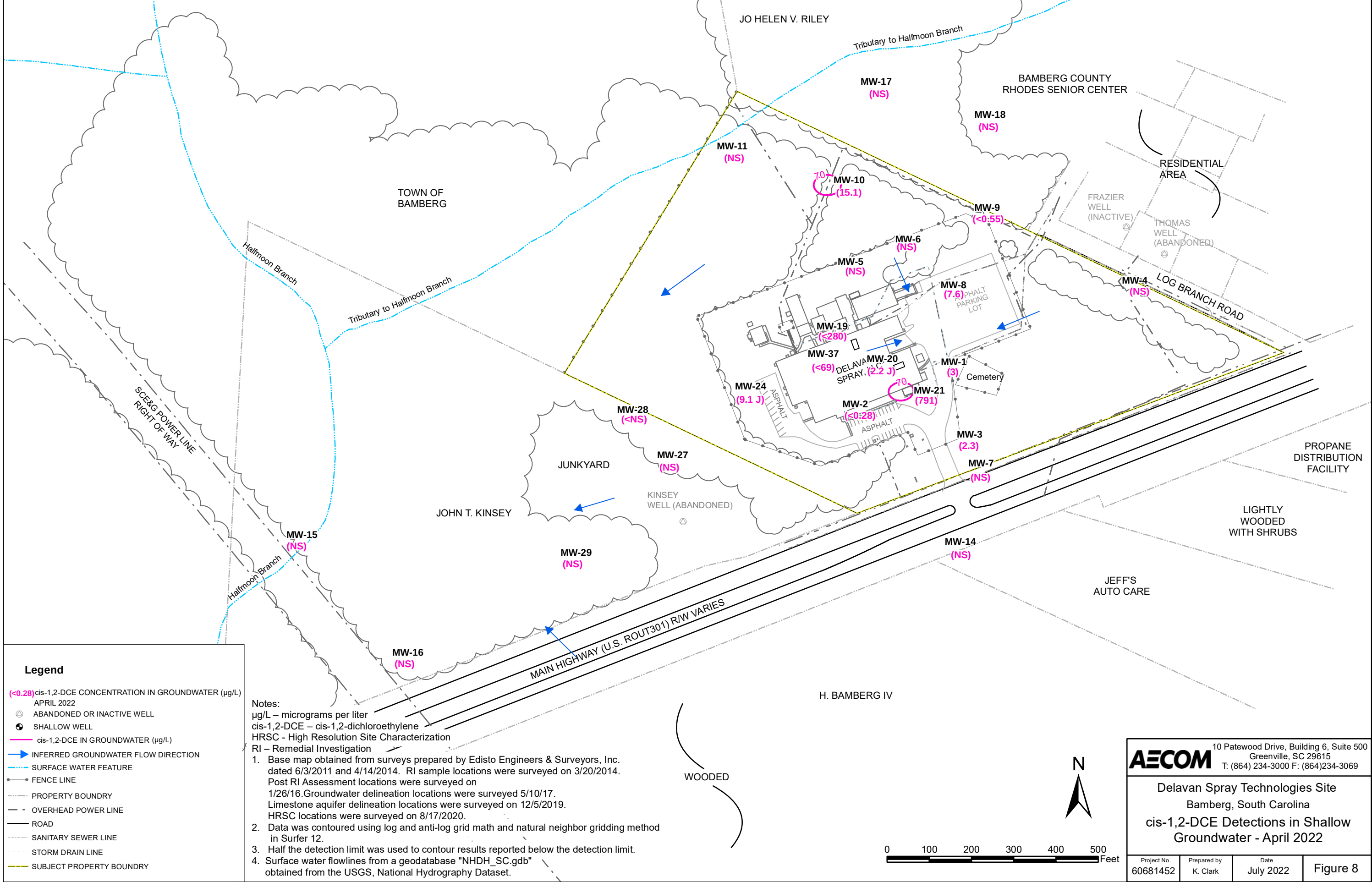
- Legend**
- 128.48 GROUNDWATER ELEVATION
APRIL 12, 2022 (FT MSL)
 - ABANDONED OR INACTIVE WELL
 - DEEP WELL
 - INFERRED GROUNDWATER FLOW DIRECTION
 - GROUNDWATER ELEVATION CONTOUR (FT)
 - SURFACE WATER FEATURE
 - FENCE LINE
 - PROPERTY BOUNDARY
 - OVERHEAD POWER LINE
 - ROAD
 - SANITARY SEWER LINE
 - STORM DRAIN LINE
 - SUBJECT PROPERTY BOUNDARY

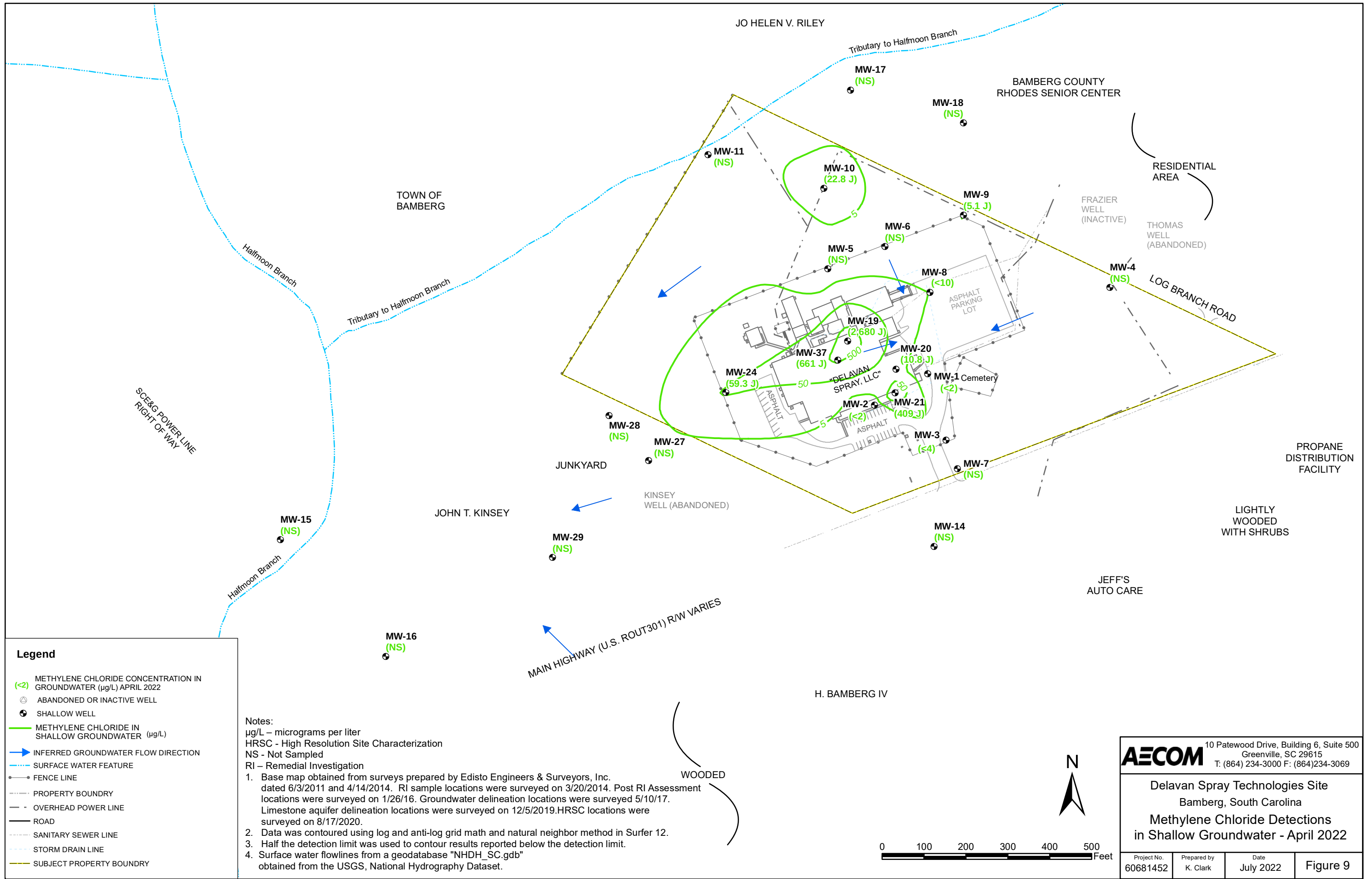


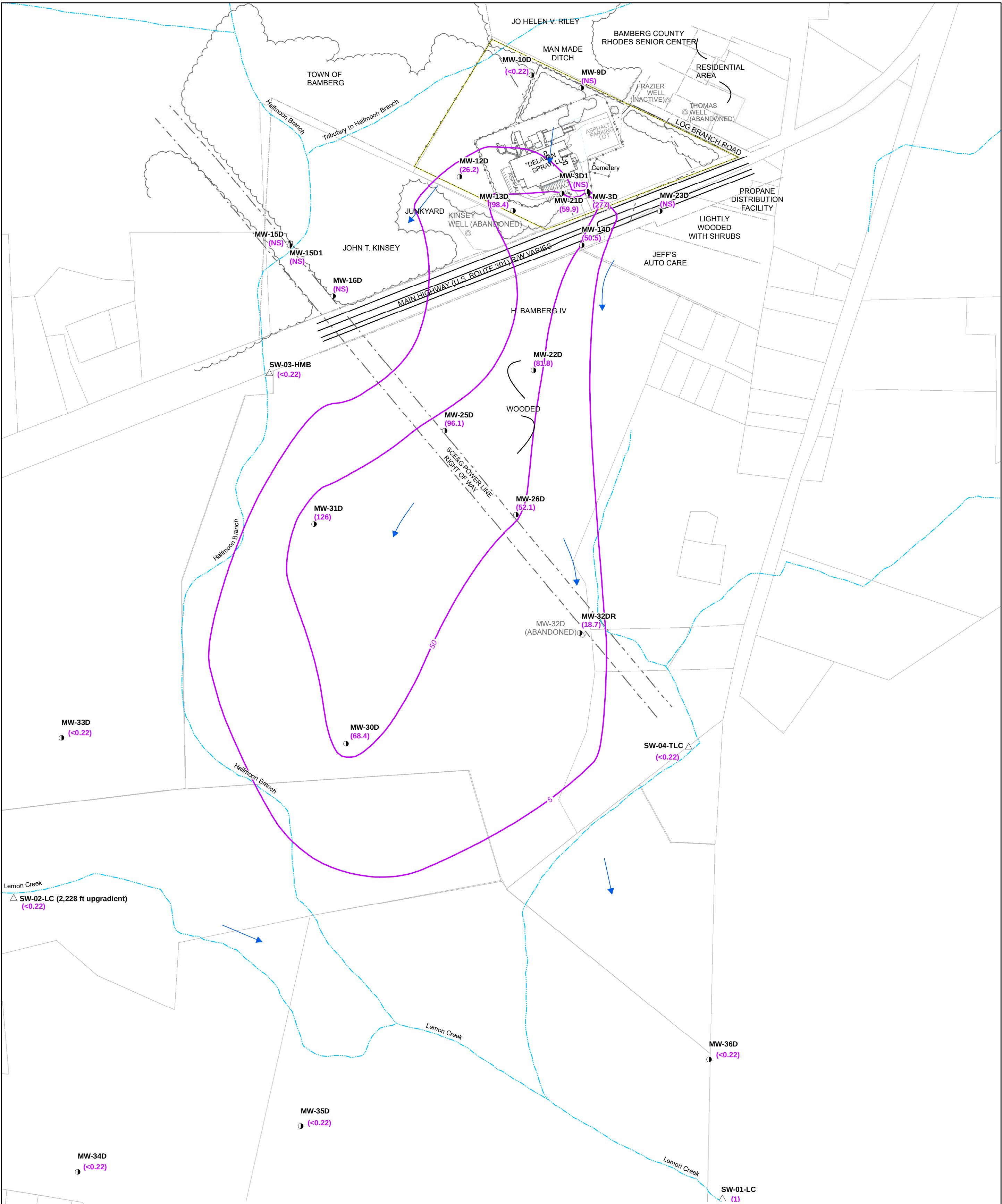
AECOM 10 Patewood Drive, Building 6, Suite 500 Greenville, SC 29615 T: (864) 234-3000 F: (864) 234-3069			
Delavan Spray Technologies Site Bamberg, South Carolina Deep Potentiometric Map April 2022			
Project No. 60681452	Prepared by K. Clark	Date July 2022	Figure 5











Legend

(**<0.22**) PCE CONCENTRATION IN GROUNDWATER (µg/L)
APRIL 2022

- ABANDONED OR INACTIVE WELL
- SURFACE WATER SAMPLE (APPROXIMATE)
- DEEP WELL
- PCE IN SHALLOW GROUNDWATER (µg/L)
- INFERRED GROUNDWATER FLOW DIRECTION
- SURFACE WATER FEATURE
- FENCE LINE
- PROPERTY BOUNDARY
- OVERHEAD POWER LINE
- ROAD
- SANITARY SEWER LINE
- STORM DRAIN LINE
- SUBJECT PROPERTY BOUNDARY

Notes:

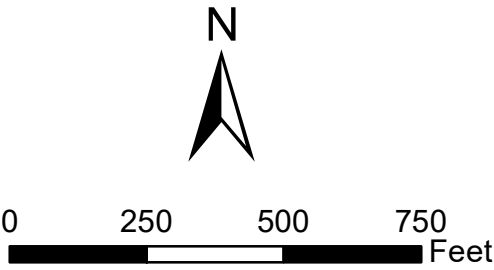
µg/L – micrograms per liter
HRSC - High Resolution Site Characterization
NS - Not Sampled
RI - Remedial Investigation
PCE – tetrachloroethylene

1. Base map obtained from surveys prepared by Edisto Engineers & Surveyors, Inc. dated 6/3/2011 and 4/14/2014.
RI sample locations were surveyed on 3/20/2014.
Post RI assessment locations were surveyed on 1/26/2016.
Groundwater delineation locations were surveyed 5/10/17.
Limestone aquifer delineation locations were surveyed on 12/5/2019.
HRSC locations were surveyed on 8/17/2020.

2. Data was contoured using log and anti-log grid math and natural neighbor gridding method in Surfer 12.

3. Half the detection limit was used to contour results reported below the detection limit.

4. Surface water flowlines from a geodatabase "NHDH_SC.gdb" obtained from the USGS, National Hydrography Dataset.

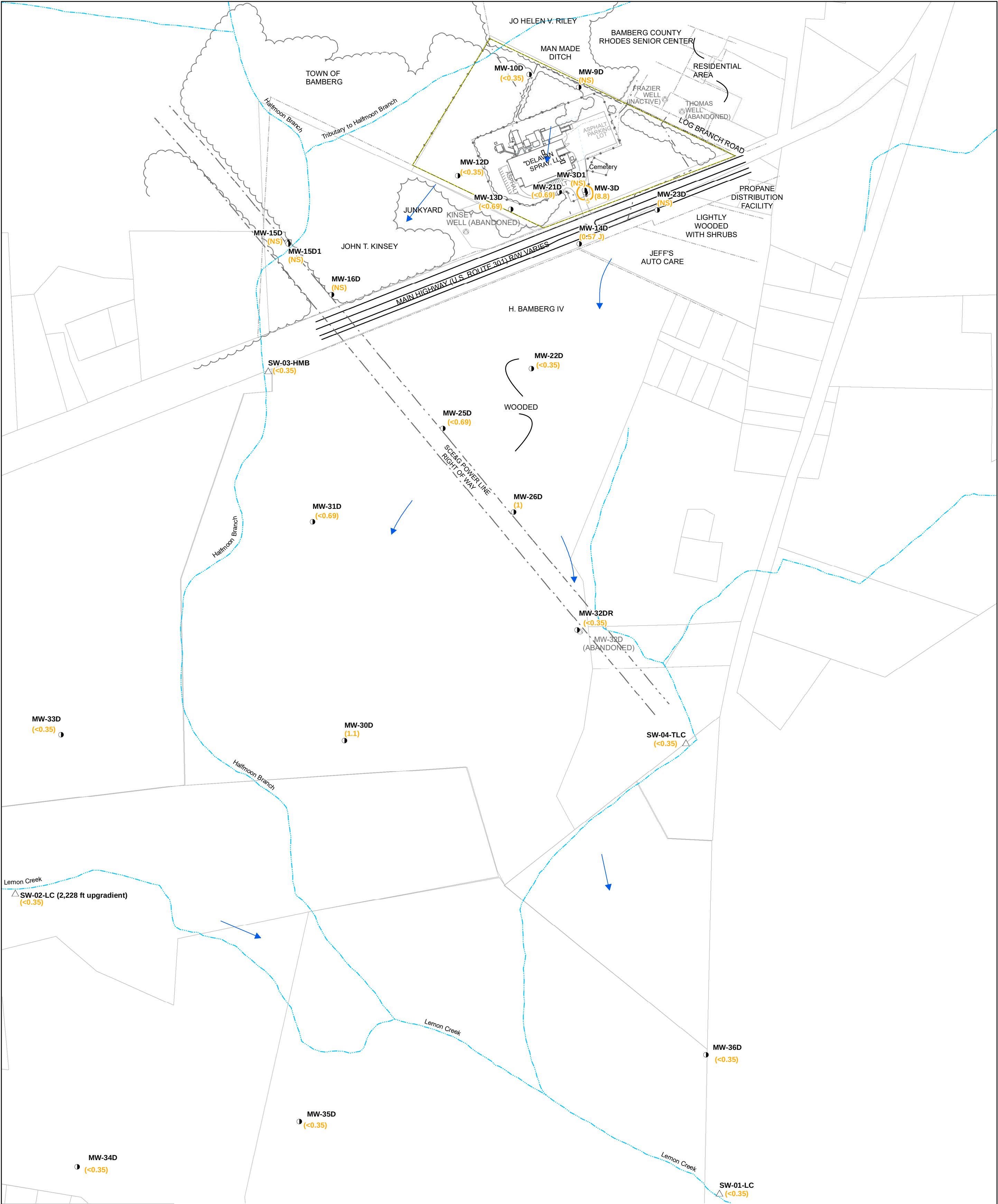


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Delavan Spray Technologies Site
Bamberg, South Carolina

PCE Detections in Deeper
Groundwater - April 2022

Project No. 60681452	Prepared by K.Clark	Date July 2022	Figure 10



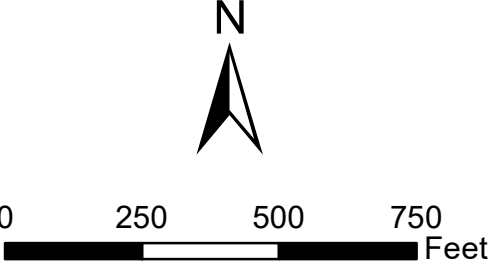
Legend

(<0.35) TCE CONCENTRATION IN GROUNDWATER ($\mu\text{g/L}$)
APRIL 2022

ABANDONED OR INACTIVE WELL
SURFACE WATER SAMPLE (APPROXIMATE)
DEEP WELL
TCE IN SHALLOW GROUNDWATER ($\mu\text{g/L}$)
INFERRED GROUNDWATER FLOW DIRECTION
SURFACE WATER FEATURE
FENCE LINE
PROPERTY BOUNDARY
OVERHEAD POWER LINE
ROAD
SANITARY SEWER LINE
STORM DRAIN LINE
SUBJECT PROPERTY BOUNDARY

Notes:
 $\mu\text{g/L}$ – micrograms per liter
HRSC - High Resolution Site Characterization
RI - Remedial Investigation
TCE – trichloroethylene

1. Base map obtained from surveys prepared by Edisto Engineers & Surveyors, Inc. dated 6/3/2011 and 4/14/2014. RI sample locations were surveyed on 3/20/2014. Post RI assessment locations were surveyed on 1/26/2016. Groundwater delineation locations were surveyed 5/10/17. Limestone aquifer delineation locations were surveyed on 12/5/2019. HRSC locations were surveyed on 8/17/2020.
2. Data was contoured using log and anti-log grid math and natural neighbor gridding method in Surfer 12.
3. Half the detection limit was used to contour results reported below the detection limit.
4. Surface water flowlines from a geodatabase "NHDH_SC.gdb" obtained from the USGS, National Hydrography Dataset.



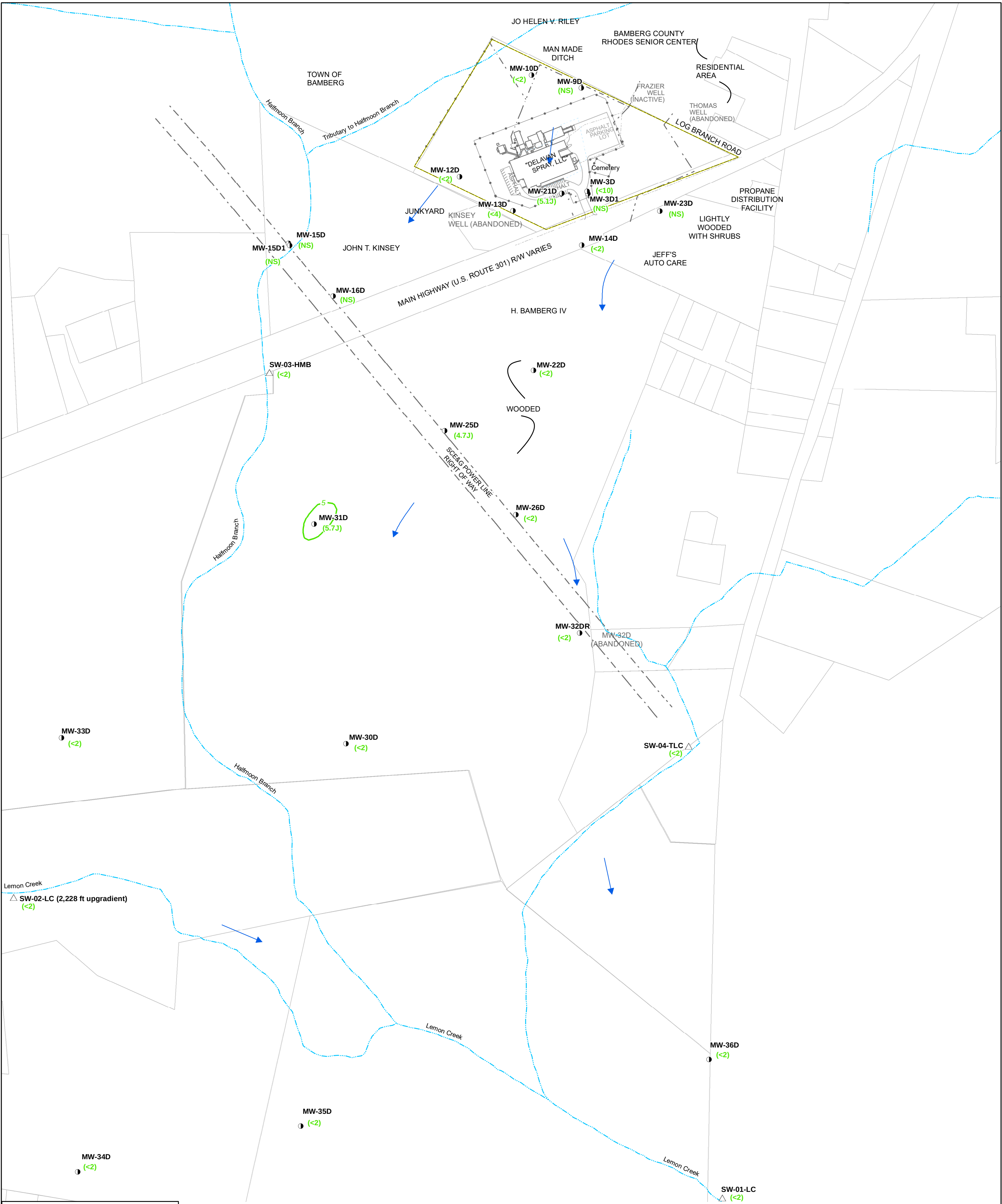
AECOM

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Delavan Spray Technologies Site
Bamberg, South Carolina

**TCE Detections in Deeper
Groundwater - April 2022**

Project No. 60629985	Prepared by K. Clark	Date July 2022	Figure 11



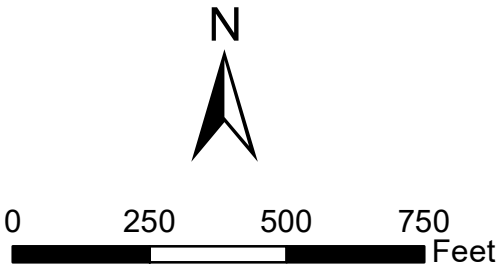
Legend

- (<2) METHYLENE CHLORIDE CONCENTRATION IN GROUNDWATER (µg/L) APRIL 2022
- ABANDONED OR INACTIVE WELL
- SURFACE WATER SAMPLE (APPROXIMATE)
- DEEP WELL
- METHYLENE CHLORIDE IN SHALLOW GROUNDWATER (µg/L)
- INFERRED GROUNDWATER FLOW DIRECTION
- SURFACE WATER FEATURE
- FENCE LINE
- PROPERTY BOUNDARY
- OVERHEAD POWER LINE
- ROAD
- SANITARY SEWER LINE
- STORM DRAIN LINE
- SUBJECT PROPERTY BOUNDARY

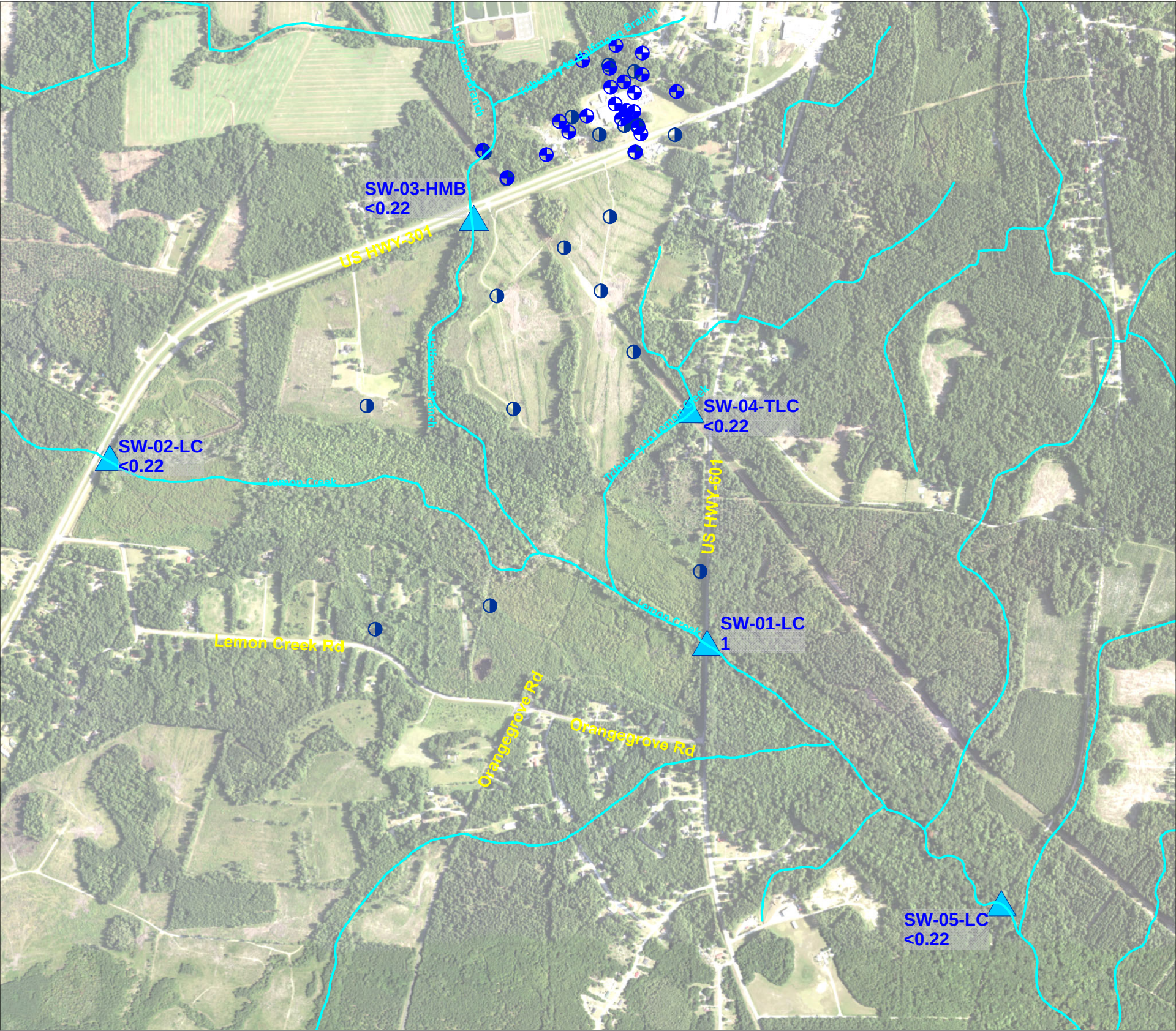
Notes:

µg/L – micrograms per liter
HRSC - High Resolution Site Characterization
NS - Not Sampled
RI - Remedial Investigation

1. Base map obtained from surveys prepared by Edisto Engineers & Surveyors, Inc. dated 6/3/2011 and 4/14/2014. RI sample locations were surveyed on 3/20/2014. Post RI assessment locations were surveyed on 1/26/2016. Groundwater delineation locations were surveyed 5/10/17. Limestone aquifer delineation locations were surveyed on 12/5/2019. HRSC locations were surveyed on 8/17/2020.
2. Data was contoured using log and anti-log grid math and natural neighbor gridding method in Surfer 12.
3. Half the detection limit was used to contour results reported below the detection limit.
4. Surface water flowlines from a geodatabase "NHDH_SC.gdb" obtained from the USGS, National Hydrography Dataset.



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Delavan Spray Technologies Site Bamberg, South Carolina Methylene Chloride Detections in Deeper Groundwater - April 2022			
Project No. 60681452	Prepared by K.Clark	Date July 2022	Figure 12



LEGEND

Surface Water Sample Location

<0.22 PCE Concentration in Surface Water - April 2022

Shallow Monitoring Well Location

Deep Monitoring Well Location

Surface Water

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Delavan Spray Technologies Site
Bamberg, South Carolina

**PCE Detections in Surface Water
April 2022**

Project No. 60656814	Prepared by L. Alexander	Date July 2022	Figure 13

TABLES

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Well Number	Total Depth (ft BGS)	Surface Casing Depth (ft bgs)	Screen Interval (ft bgs)	Aquifer Designation	Ground Surface Elevation	Top of Casing Elevation	6/5/2003		7/9/2003		12/31/2003		1/16/2004		3/14/2005		6/1/2005		9/20/2005	
							Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation
MW-1	18	--	3-18	Shallow	147.56	147.19	9.70	137.49	8.42	138.77	12.88	134.31	13.02	134.17	12.54	134.65	12.31	134.88	12.66	134.53
MW-2	18	--	3-18	Shallow	147.81	147.63	5.81	141.82	4.76	142.87	12.52	135.11	12.73	134.90	11.95	135.68	10.56	137.07	12.37	135.26
MW-3	18	--	3-18	Shallow	148.34	148.11	11.41	136.70	9.20	138.91	14.11	134.00	14.11	134.00	13.54	134.57	13.86	134.25	13.94	134.17
MW-3D	49	24	44-49	Deeper Limestone	148.28	148.12	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-3D1	85	65	75-85	Deep Sandstone	148.12	147.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-4	14	--	4-14	Shallow	147.30	147.03	4.11	142.92	3.59	143.44	10.38	136.65	10.63	136.40	9.24	137.79	10.23	136.80	11.44	135.59
MW-5	14	--	4-14	Shallow	145.34	145.46	4.72	140.74	3.68	141.78	10.87	134.59	10.81	134.65	8.74	136.72	9.77	135.69	10.51	134.95
MW-6	14	--	4-14	Shallow	143.45	143.22	2.40	140.82	2.30	140.92	8.09	135.13	7.29	135.93	6.44	136.78	6.38	136.84	8.24	134.98
MW-7	20	--	5-20	Shallow	149.25	149.03	NI	NI	NI	NI	14.88	134.15	14.93	134.10	13.97	135.06	14.45	134.58	14.52	134.51
MW-8	20	--	5-20	Shallow	145.95	145.66	NI	NI	NI	NI	12.06	133.60	12.17	133.49	11.97	133.69	12.14	133.52	13.07	132.59
MW-9	20	--	5-20	Shallow	144.11	143.89	NI	NI	NI	NI	9.82	134.07	9.55	134.34	8.45	135.44	7.61	136.28	10.57	133.32
MW-9D	49	24	44-49	Deeper Limestone	144.80	144.20	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-10	18	--	3-18	Shallow	142.56	142.19	NI	NI	NI	NI	7.48	134.71	7.52	134.67	5.19	137.00	6.02	136.17	7.51	134.68
MW-10D	48	30	43-48	Deeper Limestone	142.08	141.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-11	18	--	3-18	Shallow	143.77	143.16	NI	NI	NI	NI	8.00	135.16	8.12	135.04	7.48	135.68	7.87	135.29	8.90	134.26
MW-12D	50	30	40-50	Deeper Limestone	147.86	147.65	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-13D	50	30	40-50	Deeper Limestone	146.41	146.23	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-14	20	--	5-20	Shallow	147.05	146.90	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-14D	50	29	40-50	Deeper Limestone	147.11	146.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-15	19	--	4-19	Shallow	136.13	135.73	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-15D	45	30	35-45	Deeper Limestone	135.93	135.59	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-15D1	85	65	75-85	Deep Sandstone	135.94	135.69	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-16	19	--	4-19	Shallow	138.74	138.30	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-16D	45	29	35-45	Deeper Limestone	138.70	138.38	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-17	28.4	--	13-28	Shallow	142.07	141.66	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-18	26.4	--	11-26	Shallow	145.68	145.41	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-19	20.15	--	5-20	Shallow	148.47	148.22	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-20	15.15	--	5-15	Shallow	148.50	148.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	34.4	--	19-34	Shallow	148.43	147.97	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21D	53.4	31.5	43-53	Deeper Limestone	147.28	146.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-22D	48.4	36	38-48	Deeper Limestone	146.42	145.96	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-23D	50.4	34	40-50	Deeper Limestone	148.48	148.26	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-24	21	--	6-21	Shallow	148.52	147.85	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-25D	62	--	52-62	Deeper Limestone	139.30	139.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-26D	48	--	38-48	Deeper Limestone	143.83	143.64	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-27	29	--	19 - 29	Shallow	145.93	145.78	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-28	29	--	19 - 29	Shallow	146.35	146.12	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-29	29	--	19 - 29	Shallow	141.03	140.55	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-30D	60	--	50 - 60	Deeper Limestone	135.90	136.01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-31D	60	--	50 - 60	Deeper Limestone	141.39	141.39	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-32D	60	--	50 - 60	Deeper Limestone	139.14	138.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-32DR	60	--	50 - 60	Deeper Limestone	139.20	138.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-33D	74.39	--	64.09 - 74.02	Deeper Limestone	142.14	144.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-34D	79.78	--	69.44 - 79.40	Deeper Limestone	142.70	145.71	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-35D	74.56	--	64.25 - 74.18	Deeper Limestone	139.26	141.95	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-36D	64.29	--	53.99 - 63.92	Deeper Limestone	128.57	130.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-37	22.07	--	11.81 - 21.81	Shallow	148.64	148.36	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Well Number	Total Depth	Surface Casing Depth (ft bgs)	Screen Interval (ft bgs)	Aquifer Designation	Ground Surface Elevation	Top of Casing Elevation	12/12/2005		3/28/2006		6/26/2006		10/6/2006		1/12/2007		1/8/2008		11/4/2009	
							Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation
MW-1	18	--	3-18	Shallow	147.56	147.19	13.41	133.78	11.97	135.22	12.16	135.03	13.67	133.52	12.06	135.13	13.50	133.69	14.70	132.49
MW-2	18	--	3-18	Shallow	147.81	147.63	12.99	134.64	10.59	137.04	10.44	137.19	13.13	134.50	10.63	137.00	11.63	136.00	14.15	133.48
MW-3	18	--	3-18	Shallow	148.34	148.11	14.58	133.53	13.49	134.62	13.67	134.44	14.15	133.96	13.24	134.87	13.62	134.49	15.84	132.27
MW-3D	49	24	44-49	Deeper Limestone	148.28	148.12	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	16.10	132.02	17.30	130.82
MW-3D1	85	65	75-85	Deep Sandstone	148.12	147.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	17.11	130.82
MW-4	14	--	4-14	Shallow	147.30	147.03	11.81	135.22	7.53	139.50	9.26	137.77	11.82	135.21	7.79	139.24	9.53	137.50	13.52	133.51
MW-5	14	--	4-14	Shallow	145.34	145.46	11.30	134.16	6.74	138.72	8.74	136.72	11.57	133.89	7.33	138.13	9.09	136.37	12.70	132.76
MW-6	14	--	4-14	Shallow	143.45	143.22	8.29	134.93	4.17	139.05	6.30	136.92	9.46	133.76	4.90	138.32	6.10	137.12	10.09	133.13
MW-7	20	--	5-20	Shallow	149.25	149.03	15.11	133.92	13.91	135.12	14.22	134.81	14.99	134.04	13.23	135.80	14.20	134.83	15.93	133.10
MW-8	20	--	5-20	Shallow	145.95	145.66	12.81	132.85	11.17	134.49	12.32	133.34	13.67	131.99	11.62	134.04	12.85	132.81	14.35	131.31
MW-9	20	--	5-20	Shallow	144.11	143.89	9.33	134.56	6.91	136.98	8.98	134.91	11.60	132.29	7.41	136.48	8.17	135.72	11.54	132.35
MW-9D	49	24	44-49	Deeper Limestone	144.48	144.20	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.82	132.38	12.89	131.31
MW-10	18	--	3-18	Shallow	142.56	142.19	7.45	134.74	3.49	138.70	5.82	136.37	8.65	133.54	4.12	138.07	5.66	136.53	9.74	132.45
MW-10D	48	30	43-48	Deeper Limestone	142.08	141.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	9.45	132.34	10.68	131.11
MW-11	18	--	3-18	Shallow	143.77	143.16	8.63	134.53	6.84	136.32	8.01	135.15	9.26	133.90	7.30	135.86	7.89	135.27	10.01	133.15
MW-12D	50	30	40-50	Deeper Limestone	147.86	147.65	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	16.69	130.96
MW-13D	50	30	40-50	Deeper Limestone	146.41	146.23	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	15.55	130.68
MW-14	20	--	5-20	Shallow	147.05	146.90	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	15.03	131.87
MW-14D	50	29	40-50	Deeper Limestone	147.11	146.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	16.20	130.68
MW-15	18	--	4-19	Shallow	136.13	135.73	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-15D	45	30	35-45	Deeper Limestone	135.93	135.59	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-15D1	85	65	75-85	Deep Sandstone	135.94	135.69	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-16	19	--	4-19	Shallow	138.74	138.30	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-16D	45	29	35-45	Deeper Limestone	138.70	138.38	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-17	28.4	--	13-28	Shallow	142.07	141.66	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-18	26.4	--	11-26	Shallow	145.68	145.41	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-19	20.15	--	5-20	Shallow	148.47	148.22	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-20	15.15	--	5-15	Shallow	148.50	148.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	34.4	--	19-34	Shallow	148.43	147.97	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21D	53.4	31.5	43-53	Deeper Limestone	147.28	146.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-22D	48.4	36	38-48	Deeper Limestone	146.42	145.96	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-23D	50.4	34	40-50	Deeper Limestone	148.48	148.26	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-24	21	--	6-21	Shallow	148.52	147.85	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-25D	62	--	52-62	Deeper Limestone	139.30	139.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-26D	48	--	38-48	Deeper Limestone	143.83	143.64	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-27	29	--	19 - 29	Shallow	145.93	145.78	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-28	29	--	19 - 29	Shallow	146.35	146.12	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-29	29	--	19 - 29	Shallow	141.03	140.55	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-30D	60	--	50 - 60	Deeper Limestone	135.90	136.01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-31D	60	--	50 - 60	Deeper Limestone	141.39	141.39	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-32D	60	--	50 - 60	Deeper Limestone	139.14	138.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-32DR	60	--	50 - 60	Deeper Limestone	139.20	138.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-33D	74.39	--	64.09 - 74.02	Deeper Limestone	142.14	144.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-34D	79.78	--	69.44 - 79.40	Deeper Limestone	142.70	145.71	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-35D	74.56	--	64.25 - 74.18	Deeper Limestone	139.26	141.95	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-36D	64.29	--	53.99 - 63.92	Deeper Limestone	128.57	130.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-37	22.07	--	11.81 - 21.81	Shallow	148.64	148.36	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Well Number	Total Depth	Surface Casing Depth (ft bgs)	Screen Interval (ft bgs)	Aquifer Designation	Ground Surface Elevation	Top of Casing Elevation	4/29/2010		10/25/2010		12/15/2010		5/23/2011		11/8/2011		5/8/2012		3/20/2014	
							Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation
MW-1	18	--	3-18	Shallow	147.56	147.19	12.20	134.99	14.38	132.81	15.17	132.02	13.29	133.90	14.88	132.31	13.05	134.14	11.02	136.17
MW-2	18	--	3-18	Shallow	147.81	147.63	11.50	136.13	13.70	133.93	14.84	132.79	12.88	134.75	14.51	133.12	12.94	134.69	10.25	137.38
MW-3	18	--	3-18	Shallow	148.34	148.11	13.81	134.30	14.56	133.55	15.84	132.27	14.01	134.10	15.65	132.46	13.93	134.18	12.15	135.96
MW-3D	49	24	44-49	Deeper Limestone	148.28	148.12	15.03	133.09	17.39	130.73	17.36	130.76	16.75	131.37	17.45	130.67	16.22	131.90	13.74	134.38
MW-3D1	85	65	75-85	Deep Sandstone	148.12	147.93	14.86	133.07	17.32	130.61	17.19	130.74	16.55	131.38	17.29	130.64	16.05	131.88	13.52	134.41
MW-4	14	--	4-14	Shallow	147.30	147.03	8.95	138.08	12.73	134.30	13.49	133.54	11.37	135.66	Dry	NA	9.44	137.59	4.7	142.33
MW-5	14	--	4-14	Shallow	145.34	145.46	9.50	135.96	12.31	133.15	13.51	131.95	11.05	134.41	13.45	132.01	8.97	136.49	4.76	140.70
MW-6	14	--	4-14	Shallow	143.45	143.22	6.50	136.72	10.00	133.22	11.32	131.90	8.40	134.82	11.15	132.07	6.20	137.02	3.04	140.18
MW-7	20	--	5-20	Shallow	149.25	149.03	14.30	134.73	15.33	133.70	15.89	133.14	14.65	134.38	15.73	133.30	14.39	134.64	11.87	137.16
MW-8	20	--	5-20	Shallow	145.95	145.66	11.79	133.87	14.35	131.31	14.52	131.14	13.50	132.16	14.60	131.06	12.88	132.78	10.27	135.39
MW-9	20	--	5-20	Shallow	144.11	143.89	6.81	137.08	11.65	132.24	12.55	131.34	9.20	134.69	12.60	131.29	6.25	137.64	4.87	139.02
MW-9D	49	24	44-49	Deeper Limestone	144.48	144.20	10.58	133.62	12.99	131.21	12.98	131.22	12.26	131.94	13.12	131.08	11.78	132.42	9.15	135.05
MW-10	18	--	3-18	Shallow	142.56	142.19	6.14	136.05	9.73	132.46	10.66	131.53	7.98	134.21	10.57	131.62	5.88	136.31	2.63	139.56
MW-10D	48	30	43-48	Deeper Limestone	142.08	141.79	8.38	133.41	10.76	131.03	10.76	131.03	10.02	131.77	10.89	130.90	9.59	132.20	6.99	134.80
MW-11	18	--	3-18	Shallow	143.77	143.16	8.15	135.01	9.98	133.18	10.92	132.24	9.11	134.05	10.82	132.34	8.39	134.77	6.39	136.77
MW-12D	50	30	40-50	Deeper Limestone	147.86	147.65	14.62	133.03	16.92	130.73	16.87	130.78	16.18	131.47	16.99	130.66	15.69	131.96	13.28	134.37
MW-13D	50	30	40-50	Deeper Limestone	146.41	146.23	13.33	132.90	15.65	130.58	15.61	130.62	14.99	131.24	15.71	130.52	14.44	131.79	12.02	134.21
MW-14	20	--	5-20	Shallow	147.05	146.90	12.69	134.21	13.99	132.91	14.67	132.23	13.38	133.52	14.52	132.38	12.97	133.93	10.49	136.41
MW-14D	50	29	40-50	Deeper Limestone	147.11	146.88	14.01	132.87	16.34	130.54	16.26	130.62	15.69	131.19	16.37	130.51	15.09	131.79	12.71	134.17
MW-15	18	--	4-19	Shallow	136.13	135.73	NI	NI	NI	NI	NI	NI	5.44	130.29	6.68	129.05	3.77	131.96	1.71	134.02
MW-15D	45	30	35-45	Deeper Limestone	135.93	135.59	NI	NI	NI	NI	NI	NI	4.55	131.04	5.23	130.36	4.15	131.44	1.92	133.67
MW-15D1	85	65	75-85	Deep Sandstone	135.94	135.69	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	4.25	131.44	2.04	133.65
MW-16	19	--	4-19	Shallow	138.74	138.30	NI	NI	NI	NI	NI	NI	6.40	131.90	8.15	130.15	5.26	133.04	2.54	135.76
MW-16D	45	29	35-45	Deeper Limestone	138.70	138.38	NI	NI	NI	NI	NI	NI	7.49	130.89	8.30	130.08	7.05	131.33	4.79	133.59
MW-17	28.4	--	13-28	Shallow	142.07	141.66	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	1.90	139.76
MW-18	26.4	--	11-26	Shallow	145.68	145.41	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	9.07	136.34
MW-19	20.15	--	5-20	Shallow	148.47	148.22	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.35	136.87
MW-20	15.15	--	5-15	Shallow	148.50	148.19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.11	137.08
MW-21	34.4	--	19-34	Shallow	148.43	147.97	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.42	136.55
MW-21D	53.4	31.5	43-53	Deeper Limestone	147.28	146.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	12.51	134.41
MW-22D	48.4	36	38-48	Deeper Limestone	146.42	145.96	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.96	134.00
MW-23D	50.4	34	40-50	Deeper Limestone	148.48	148.26	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	13.73	134.53
MW-24	21	--	6-21	Shallow	148.52	147.85	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-25D	62	--	52-62	Deeper Limestone	139.30	139.21	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-26D	48	--	38-48	Deeper Limestone	143.83	143.64	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-27	29	--	19 - 29	Shallow	145.93	145.78	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-28	29	--	19 - 29	Shallow	146.35	146.12	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-29	29	--	19 - 29	Shallow	141.03	140.55	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-30D	60	--	50 - 60	Deeper Limestone	135.90	136.01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-31D	60	--	50 - 60	Deeper Limestone	141.39	141.39	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-32D	60	--	50 - 60	Deeper Limestone	139.14	138.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-32DR	60	--	50 - 60	Deeper Limestone	139.20	138.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-33D	74.39	--	64.09 - 74.02	Deeper Limestone	142.14	144.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-34D	79.78	--	69.44 - 79.40	Deeper Limestone	142.70	145.71	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-35D	74.56	--	64.25 - 74.18	Deeper Limestone	139.26	141.95	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-36D	64.29	--	53.99 - 63.92	Deeper Limestone	128.57	130.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-37	22.07	--	11.81 - 21.81	Shallow	148.64	148.36	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Well Number	Total Depth	Surface Casing Depth (ft bgs)	Screen Interval (ft bgs)	Aquifer Designation	Ground Surface Elevation	Top of Casing Elevation	10/27/2014		4/20/2015		10/26/2015		4/11/2016		10/24/2016		4/12/2017		4/13/2017	
							Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation
MW-1	18	--	3-18	Shallow	147.56	147.19	13.53	133.66	10.81	136.38	10.51	136.68	11.40	135.79	11.05	136.14	12.38	134.81	NM	NM
MW-2	18	--	3-18	Shallow	147.81	147.63	13.63	134.00	9.64	137.99	8.61	139.02	10.43	137.20	10.11	137.52	12.04	135.59	NM	NM
MW-3	18	--	3-18	Shallow	148.34	148.11	14.16	133.95	12.62	135.49	12.73	135.38	13.19	134.92	13.08	135.03	13.94	134.17	NM	NM
MW-3D	49	24	44-49	Deeper Limestone	148.28	148.12	16.07	132.05	13.48	134.64	13.89	134.23	14.04	134.08	13.96	134.16	14.61	133.51	14.67	133.45
MW-3D1	85	65	75-85	Deep Sandstone	148.12	147.93	15.89	132.04	13.25	134.68	13.69	134.24	13.83	134.10	13.75	134.18	14.40	133.53	NM	NM
MW-4	14	--	4-14	Shallow	147.30	147.03	11.70	135.33	4.79	142.24	4.47	142.56	5.22	141.81	5.48	141.55	8.03	139.00	NM	NM
MW-5	14	--	4-14	Shallow	145.34	145.46	11.43	134.03	4.60	140.86	4.35	141.11	6.31	139.15	6.97	138.49	8.37	137.09	NM	NM
MW-6	14	--	4-14	Shallow	143.45	143.22	5.96	137.26	2.20	141.02	2.98	140.24	4.14	139.08	4.93	138.29	6.02	137.20	NM	NM
MW-7	20	--	5-20	Shallow	149.25	149.03	14.73	134.30	12.88	136.15	12.71	136.32	13.19	135.84	13.12	135.91	14.33	134.70	NM	NM
MW-8	20	--	5-20	Shallow	145.95	145.66	13.02	132.64	10.06	135.60	10.22	135.44	10.62	135.04	10.58	135.08	11.34	134.32	NM	NM
MW-9	20	--	5-20	Shallow	144.11	143.89	9.78	134.11	4.54	139.35	5.07	138.82	5.14	138.75	5.60	138.29	6.04	137.85	NM	NM
MW-9D	49	24	44-49	Deeper Limestone	144.48	144.20	11.64	132.56	8.93	135.27	9.34	134.86	9.99	134.21	9.43	134.77	10.03	134.17	NM	NM
MW-10	18	--	3-18	Shallow	142.56	142.19	8.50	133.69	2.47	139.72	2.61	139.58	3.52	138.67	4.06	138.13	5.15	137.04	NM	NM
MW-10D	48	30	43-48	Deeper Limestone	142.08	141.79	9.40	132.39	6.75	135.04	7.17	134.62	7.27	134.52	7.27	134.52	7.84	133.95	NM	NM
MW-11	18	--	3-18	Shallow	143.77	143.16	8.96	134.20	6.40	136.76	6.45	136.71	6.64	136.52	6.95	136.21	7.24	135.92	NM	NM
MW-12D	50	30	40-50	Deeper Limestone	147.86	147.65	15.55	132.10	13.02	134.63	13.42	134.23	13.58	134.07	13.54	134.11	14.10	133.55	14.15	133.50
MW-13D	50	30	40-50	Deeper Limestone	146.41	146.23	14.29	131.94	11.75	134.48	12.18	134.05	12.32	133.91	12.25	133.98	12.97	133.26	12.92	133.31
MW-14	20	--	5-20	Shallow	147.05	146.90	13.02	133.88	10.54	136.36	10.69	136.21	11.18	135.72	11.22	135.68	12.46	134.44	NM	NM
MW-14D	50	29	40-50	Deeper Limestone	147.11	146.88	14.99	131.89	12.43	134.45	12.87	134.01	13.04	133.84	12.93	133.95	13.57	133.31	13.63	133.25
MW-15	18	--	4-19	Shallow	136.13	135.73	4.49	131.24	2.09	133.64	3.00	132.73	2.69	133.04	3.14	132.59	2.95	132.78	NM	NM
MW-15D	45	30	35-45	Deeper Limestone	135.93	135.59	3.79	131.80	1.80	133.79	2.07	133.52	2.20	133.39	2.19	133.40	2.60	132.99	NM	NM
MW-15D1	85	65	75-85	Deep Sandstone	135.94	135.69	3.91	131.78	1.91	133.78	2.18	133.51	2.32	133.37	2.30	133.39	2.70	132.99	NM	NM
MW-16	19	--	4-19	Shallow	138.74	138.30	6.68	131.62	2.35	135.95	3.38	134.92	2.73	135.57	3.80	134.50	3.01	135.29	NM	NM
MW-16D	45	29	35-45	Deeper Limestone	138.70	138.38	6.76	131.62	4.54	133.84	4.95	133.43	5.08	133.30	5.04	133.34	5.51	132.87	5.54	132.84
MW-17	28.4	--	13-28	Shallow	142.07	141.66	6.93	134.73	1.91	139.75	2.65	139.01	2.79	138.87	2.96	138.70	3.06	138.60	NM	NM
MW-18	26.4	--	11-26	Shallow	145.68	145.41	12.48	132.93	9.23	136.18	9.75	135.66	9.86	135.55	9.96	135.45	10.57	134.84	NM	NM
MW-19	20.15	--	5-20	Shallow	148.47	148.22	14.42	133.80	10.90	137.32	10.02	138.20	11.42	136.80	11.30	136.92	12.98	135.24	NM	NM
MW-20	15.15	--	5-15	Shallow	148.50	148.19	14.30	133.89	10.55	137.64	9.59	138.60	11.25	136.94	10.57	137.62	12.81	135.38	NM	NM
MW-21	34.4	--	19-34	Shallow	148.43	147.97	14.59	133.38	11.23	136.74	11.38	136.59	12.68	135.29	12.48	135.49	13.45	134.52	NM	NM
MW-21D	53.4	31.5	43-53	Deeper Limestone	147.28	146.92	14.84	132.08	12.25	134.67	12.67	134.25	12.83	134.09	12.75	134.17	13.39	133.53	13.44	133.48
MW-22D	48.4	36	38-48	Deeper Limestone	146.42	145.96	14.19	131.77	11.68	134.28	12.11	133.85	12.27	133.69	12.18	133.78	12.81	133.15	12.87	133.09
MW-23D	50.4	34	40-50	Deeper Limestone	148.48	148.26	16.18	132.08	13.48	134.78	13.95	134.31	14.09	134.17	13.98	134.28	14.65	133.61	14.71	133.55
MW-24	21	--	6-21	Shallow	148.52	147.85	NI	NI	NI	NI	NI	NI	13.39	134.46	13.42	134.43	14.10	133.75	NM	NM
MW-25D	62	--	52-62	Deeper Limestone	139.30	139.21	NI	NI	NI	NI	NI	NI	5.66	133.55	5.58	133.63	6.16	133.05	6.21	133.00
MW-26D	48	--	38-48	Deeper Limestone	143.83	143.64	NI	NI	NI	NI	NI	NI	10.32	133.32	10.20	133.44	10.81	132.83	10.87	132.77
MW-27	29	--	19 - 29	Shallow	145.93	145.78	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	9.91	135.87	NM	NM
MW-28	29	--	19 - 29	Shallow	146.35	146.12	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	12.60	133.52	NM	NM
MW-29	29	--	19 - 29	Shallow	141.03	140.55	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	7.17	133.38	NM	NM
MW-30D	60	--	50 - 60	Deeper Limestone	135.90	136.01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	5.35	130.66
MW-31D	60	--	50 - 60	Deeper Limestone	141.39	141.39	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	9.42	131.97
MW-32D	60	--	50 - 60	Deeper Limestone	139.14	138.92	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	7.49	131.43
MW-32DR	60	--	50 - 60	Deeper Limestone	139.20	138.88	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-33D	74.39	--	64.09 - 74.02	Deeper Limestone	142.14	144.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-34D	79.78	--	69.44 - 79.40	Deeper Limestone	142.70	145.71	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-35D	74.56	--	64.25 - 74.18	Deeper Limestone	139.26	141.95	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-36D	64.29	--	53.99 - 63.92	Deeper Limestone	128.57	130.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-37	22.07	--	11.81 - 21.81	Shallow	148.64	148.36	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Well Number	Total Depth (ft bgs)	Surface Casing Depth (ft bgs)	Screen Interval (ft bgs)	Aquifer Designation	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	10/16/2017		5/7/2018		10/29/2018		4/22/2019		10/14/2019		4/14/2020		10/19/2020	
							Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)
MW-1	18	--	3-18	Shallow	147.56	147.19	13.51	133.68	12.42	134.77	12.62	134.57	11.71	135.48	13.65	133.54	11.09	136.10	12.27	134.92
MW-2	18	--	3-18	Shallow	147.81	147.63	13.82	133.81	12.42	135.21	12.39	135.24	11.15	136.48	14.07	133.56	9.69	137.94	12.20	135.43
MW-3	18	--	3-18	Shallow	148.34	148.11	14.12	133.99	13.86	134.25	14.02	134.09	13.24	134.87	14.35	133.76	12.98	135.13	13.89	134.22
MW-3D	49	24	44-49	Deeper Limestone	148.28	148.12	16.16	131.96	14.93	133.19	15.25	132.87	13.91	134.21	16.05	132.07	13.65	134.47	14.59	133.53
MW-3D1	85	65	75-85	Deep Sandstone	148.12	147.93	15.98	131.95	14.74	133.19	15.05	132.88	13.71	134.22	15.90	132.03	13.44	134.49	14.40	133.53
MW-4	14	--	4-14	Shallow	147.30	147.03	11.49	135.54	8.57	138.46	9.53	137.50	7.07	139.96	13.15	133.88	5.98	141.05	9.89	137.14
MW-5	14	--	4-14	Shallow	145.34	145.46	12.10	133.36	8.90	136.56	10.32	135.14	7.55	137.91	12.94	132.52	6.37	139.09	10.45	135.01
MW-6	14	--	4-14	Shallow	143.45	143.22	10.02	133.20	6.69	136.53	7.89	135.33	5.03	138.19	11.10	132.12	3.78	139.44	7.97	135.25
MW-7	20	--	5-20	Shallow	149.25	149.03	14.57	134.46	14.07	134.96	14.34	134.69	13.29	135.74	14.98	134.05	13.07	135.96	14.02	135.01
MW-8	20	--	5-20	Shallow	145.95	145.66	13.16	132.50	11.68	133.98	12.05	133.61	10.81	134.85	13.19	132.47	10.31	135.35	11.50	134.16
MW-9	20	--	5-20	Shallow	144.11	143.89	10.11	133.78	6.89	137.00	7.33	136.56	5.32	138.57	6.91	136.98	5.13	138.76	7.77	136.12
MW-9D	49	24	44-49	Deeper Limestone	144.48	144.20	11.73	132.47	10.41	133.79	10.77	133.43	9.39	134.81	11.70	132.50	9.11	135.09	10.13	134.07
MW-10	18	--	3-18	Shallow	142.56	142.19	9.33	132.86	5.98	136.21	7.34	134.85	7.46	134.73	10.00	132.19	3.83	138.36	7.40	134.79
MW-10D	48	30	43-48	Deeper Limestone	142.08	141.79	9.50	132.29	8.22	133.57	8.52	133.27	7.21	134.58	9.50	132.29	6.94	134.85	7.96	133.83
MW-11	18	--	3-18	Shallow	143.77	143.16	9.63	133.53	7.79	135.37	8.39	134.77	7.13	136.03	10.60	132.56	5.95	137.21	8.18	134.98
MW-12D	50	30	40-50	Deeper Limestone	147.86	147.65	15.65	132.00	14.45	133.20	14.72	132.93	13.47	134.18	15.60	132.05	13.25	134.40	14.14	133.51
MW-13D	50	30	40-50	Deeper Limestone	146.41	146.23	14.38	131.85	13.20	133.03	13.48	132.75	12.20	134.03	14.29	131.94	11.92	134.31	12.85	133.38
MW-14	20	--	5-20	Shallow	147.05	146.90	13.24	133.66	12.44	134.46	12.47	134.43	11.27	135.63	13.33	133.57	10.88	136.02	12.15	134.75
MW-14D	50	29	40-50	Deeper Limestone	147.11	146.88	15.08	131.80	13.87	133.01	14.18	132.70	12.86	134.02	14.91	131.97	12.60	134.28	13.48	133.40
MW-15	18	--	4-19	Shallow	136.13	135.73	5.25	130.48	3.74	131.99	3.60	132.13	3.12	132.61	6.71	129.02	2.88	132.85	4.13	131.60
MW-15D	45	30	35-45	Deeper Limestone	135.93	135.59	3.85	131.74	2.95	132.64	3.02	132.57	2.10	133.49	3.80	131.79	1.80	133.79	2.53	133.06
MW-15D1	85	65	75-85	Deep Sandstone	135.94	135.69	3.96	131.73	3.06	132.63	3.14	132.55	2.23	133.46	3.93	131.76	1.93	133.76	2.68	133.01
MW-16	19	--	4-19	Shallow	138.74	138.30	7.02	131.28	4.14	134.16	4.45	133.85	3.11	135.19	7.68	130.62	2.54	135.76	5.15	133.15
MW-16D	45	29	35-45	Deeper Limestone	138.70	138.38	6.83	131.55	5.84	132.54	5.98	132.40	4.98	133.40	6.74	131.64	4.67	133.71	5.45	132.93
MW-17	28.4	--	13-28	Shallow	142.07	141.66	7.75	133.91	4.11	137.55	5.18	136.48	3.14	138.52	8.96	132.70	2.81	138.85	5.40	136.26
MW-18	26.4	--	11-26	Shallow	145.68	145.41	12.65	132.76	10.87	134.54	11.45	133.96	9.86	135.55	12.70	132.71	9.68	135.73	10.95	134.46
MW-19	20.15	--	5-20	Shallow	148.47	148.22	14.62	133.60	13.02	135.20	13.43	134.79	11.95	136.27	14.83	133.39	NM	NM	13.21	135.01
MW-20	15.15	--	5-15	Shallow	148.50	148.19	14.50	133.69	12.87	135.32	13.15	135.04	11.90	136.29	14.72	133.47	NM	NM	12.96	135.23
MW-21	34.4	--	19-34	Shallow	148.43	147.97	15.12	132.85	13.68	134.29	14.02	133.95	12.54	135.43	15.58	132.39	11.46	136.51	13.34	134.63
MW-21D	53.4	31.5	43-53	Deeper Limestone	147.28	146.92	14.93	131.99	13.71	133.21	14.02	132.90	12.70	134.22	14.82	132.10	12.42	134.50	13.35	133.57
MW-22D	48.4	36	38-48	Deeper Limestone	146.42	145.96	14.29	131.67	13.10	132.86	13.38	132.58	12.09	133.87	14.12	131.84	11.83	134.13	12.70	133.26
MW-23D	50.4	34	40-50	Deeper Limestone	148.48	148.26	16.28	131.98	14.96	133.30	15.33	132.93	13.90	134.36	16.18	132.08	13.70	134.56	14.63	133.63
MW-24	21	--	6-21	Shallow	148.52	147.85	15.69	132.16	14.46	133.39	14.74	133.11	13.45	134.40	16.08	131.77	12.96	134.89	14.14	133.71
MW-25D	62	--	52-62	Deeper Limestone	139.30	139.21	7.59	131.62	6.47	132.74	6.72	132.49	5.49	133.72	7.43	131.78	5.24	133.97	6.08	133.13
MW-26D	48	--	38-48	Deeper Limestone	143.83	143.64	12.19	131.45	11.06	132.58	11.33	132.31	10.12	133.52	11.95	131.69	9.86	133.78	10.63	133.01
MW-27	29	--	19 - 29	Shallow	145.93	145.78	12.44	133.34	9.44	136.34	10.48	135.30	8.47	137.31	13.63	132.15	6.84	138.94	10.64	135.14
MW-28	29	--	19 - 29	Shallow	146.35	146.12	14.13	131.99	12.95	133.17	13.22	132.90	11.98	134.14	14.10	132.02	11.45	134.67	12.65	133.47
MW-29	29	--	19 - 29	Shallow	141.03	140.55	8.60	131.95	7.52	133.03	7.72	132.83	6.57	133.98	8.58	131.97	6.15	134.40	7.16	133.39
MW-30D	60	--	50 - 60	Deeper Limestone	135.90	136.01	5.92	130.09	5.57	130.44	5.43	130.58	5.04	130.97	5.69	130.32	4.72	131.29	5.00	131.01
MW-31D	60	--	50 - 60	Deeper Limestone	141.39	141.39	10.32	131.07	9.67	131.72	9.68	131.71	8.92	132.47	10.12	131.27	8.61	132.78	9.16	132.23
MW-32D	60	--	50 - 60	Deeper Limestone	139.14	138.92	Abandoned		Abandoned		Abandoned		Abandoned		Abandoned		Abandoned		Abandoned	
MW-32DR	60	--	50 - 60	Deeper Limestone	139.20	138.88	8.42	130.46	7.54	131.34	7.68	131.20	6.75	132.13	8.56	130.32	6.49	132.39	7.04	131.84
MW-33D	74.39	--	64.09 - 74.02	Deeper Limestone	142.14	144.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	12.77	132.02	13.06	131.73
MW-34D	79.78	--	69.44 - 79.40	Deeper Limestone	142.70	145.71	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	13.68	132.03	13.95	131.76
MW-35D	74.56	--	64.25 - 74.18	Deeper Limestone	139.26	141.95	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	11.68	130.27	11.81	130.14
MW-36D	64.29	--	53.99 - 63.92	Deeper Limestone	128.57	130.93	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	2.15	128.78	2.45	128.48
MW-37	22.07	--	11.81 - 21.81	Shallow	148.64	148.36	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	12.94	135.42

Table 1
Groundwater Levels and Elevations
Delavan Spray Technologies Site
Bamberg, South Carolina

Well Number	Total Depth (ft bgs)	Surface Casing Depth (ft bgs)	Screen Interval (ft bgs)	Aquifer Designation	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	4/12/2021		10/18/2021		4/12/2022	
							Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)	Depth to Water (ft btoc)	Elevation (ft msl)
MW-1	18	--	3-18	Shallow	147.56	147.19	11.57	135.62	12.21	134.98	11.61	135.58
MW-2	18	--	3-18	Shallow	147.81	147.63	10.61	137.02	12.05	135.58	11.06	136.57
MW-3	18	--	3-18	Shallow	148.34	148.11	13.22	134.89	13.86	134.25	12.95	135.16
MW-3D	49	24	44-49	Deeper Limestone	148.28	148.12	13.90	134.22	14.71	133.41	13.74	134.38
MW-3D1	85	65	75-85	Deep Sandstone	148.12	147.93	13.69	134.24	14.54	133.39	13.54	134.39
MW-4	14	--	4-14	Shallow	147.30	147.03	6.99	140.04	9.00	138.03	6.09	140.94
MW-5	14	--	4-14	Shallow	145.34	145.46	7.73	137.73	10.17	135.29	6.59	138.87
MW-6	14	--	4-14	Shallow	143.45	143.22	5.16	138.06	7.52	135.70	4.28	138.94
MW-7	20	--	5-20	Shallow	149.25	149.03	13.37	135.66	14.02	135.01	12.95	136.08
MW-8	20	--	5-20	Shallow	145.95	145.66	10.60	135.06	11.57	134.09	10.41	135.25
MW-9	20	--	5-20	Shallow	144.11	143.89	5.58	138.31	7.33	136.56	4.69	139.20
MW-9D	49	24	44-49	Deeper Limestone	144.48	144.20	9.37	134.83	10.25	133.95	9.21	134.99
MW-10	18	--	3-18	Shallow	142.56	142.19	4.55	137.64	7.02	135.17	3.78	138.41
MW-10D	48	30	43-48	Deeper Limestone	142.08	141.79	7.21	134.58	8.09	133.70	7.05	134.74
MW-11	18	--	3-18	Shallow	143.77	143.16	7.12	136.04	8.12	135.04	6.85	136.31
MW-12D	50	30	40-50	Deeper Limestone	147.86	147.65	13.44	134.21	14.29	133.36	13.02	134.63
MW-13D	50	30	40-50	Deeper Limestone	146.41	146.23	12.21	134.02	13.01	133.22	12.03	134.20
MW-14	20	--	5-20	Shallow	147.05	146.90	11.20	135.70	11.97	134.93	10.71	136.19
MW-14D	50	29	40-50	Deeper Limestone	147.11	146.88	12.87	134.01	13.64	133.24	12.70	134.18
MW-15	18	--	4-19	Shallow	136.13	135.73	3.37	132.36	4.12	131.61	NM	NM
MW-15D	45	30	35-45	Deeper Limestone	135.93	135.59	2.06	133.53	2.69	132.90	NM	NM
MW-15D1	85	65	75-85	Deep Sandstone	135.94	135.69	2.20	133.49	2.79	132.90	NM	NM
MW-16	19	--	4-19	Shallow	138.74	138.30	3.25	135.05	5.15	133.15	2.66	135.64
MW-16D	45	29	35-45	Deeper Limestone	138.70	138.38	4.94	133.44	5.61	132.77	4.81	133.57
MW-17	28.4	--	13-28	Shallow	142.07	141.66	3.18	138.48	4.87	136.79	2.68	138.98
MW-18	26.4	--	11-26	Shallow	145.68	145.41	10.00	135.41	11.05	134.36	9.83	135.58
MW-19	20.15	--	5-20	Shallow	148.47	148.22	11.80	136.42	13.03	135.19	12.11	136.11
MW-20	15.15	--	5-15	Shallow	148.50	148.19	11.50	136.69	12.77	135.42	11.85	136.34
MW-21	34.4	--	19-34	Shallow	148.43	147.97	12.13	135.84	13.28	134.69	12.21	135.76
MW-21D	53.4	31.5	43-53	Deeper Limestone	147.28	146.92	12.69	134.23	13.52	133.40	12.54	134.38
MW-22D	48.4	36	38-48	Deeper Limestone	146.42	145.96	12.11	133.85	12.85	133.11	11.95	134.01
MW-23D	50.4	34	40-50	Deeper Limestone	148.48	148.26	13.93	134.33	14.78	133.48	13.73	134.53
MW-24	21	--	6-21	Shallow	148.52	147.85	13.38	134.47	14.40	133.45	13.33	134.52
MW-25D	62	--	52-62	Deeper Limestone	139.30	139.21	5.50	133.71	6.22	132.99	4.39	134.82
MW-26D	48	--	38-48	Deeper Limestone	143.83	143.64	10.16	133.48	10.82	132.82	9.96	133.68
MW-27	29	--	19 - 29	Shallow	145.93	145.78	7.78	138.00	10.41	135.37	8.09	137.69
MW-28	29	--	19 - 29	Shallow	146.35	146.12	12.52	133.60	12.79	133.33	11.83	134.29
MW-29	29	--	19 - 29	Shallow	141.03	140.55	6.73	133.82	7.31	133.24	6.43	134.12
MW-30D	60	--	50 - 60	Deeper Limestone	135.90	136.01	5.90	130.11	5.20	130.81	4.95	131.06
MW-31D	60	--	50 - 60	Deeper Limestone	141.39	141.39	8.93	132.46	9.35	132.04	8.82	132.57
MW-32D	60	--	50 - 60	Deeper Limestone	139.14	138.92	Abandoned		Abandoned		Abandoned	
MW-32DR	60	--	50 - 60	Deeper Limestone	139.20	138.88	6.76	132.12	7.22	131.66	6.65	132.23
MW-33D	74.39	--	64.09 - 74.02	Deeper Limestone	142.14	144.79	13.00	131.79	13.24	131.55	12.91	131.88
MW-34D	79.78	--	69.44 - 79.40	Deeper Limestone	142.70	145.71	13.83	131.88	14.15	131.56	13.80	131.91
MW-35D	74.56	--	64.25 - 74.18	Deeper Limestone	139.26	141.95	11.85	130.10	12.00	129.95	11.83	130.12
MW-36D	64.29	--	53.99 - 63.92	Deeper Limestone	128.57	130.93	2.46	128.47	2.67	128.26	2.37	128.56
MW-37	22.07	--	11.81 - 21.81	Shallow	148.64	148.36	11.49	136.87	12.79	135.57	11.91	136.45

Notes:

bgs - below ground surface

btoc - below top of casing

ft msl - feet above mean sea level

H&H - Hart & Hickman;

NI - Not installed on the date of the measurement.

NM - No measurement collected.

1. Depth to water measured in feet btoc.

2. Top of casing and ground surface elevations for most wells surveyed by Edisto Engineers and Surveyors, Inc. on May 23, 2011 and March 20, 2014. MW-15D1 TOC elevation tied into existing site wells by H&H on April 30, 2012. Monitoring wells MW-24, MW-25D, and MW-26D were surveyed by AECOM on January 26, 2016. Monitoring wells MW-27 through MW-29 and MW-30D through MW-32DR were surveyed by AECOM on May 10, 2017. Monitoring wells MW-33D through MW-36D were surveyed by AECOM on December 5, 2019. MW-37 was surveyed by AECOM on August 17, 2020.

3. Vertical positions are referenced to the North American Vertical Datum of 1988 (NAVD88).

4. Information for historic monitoring wells from Table 1 of the RI Workplan (H&H, 2013).

5. The measured water level in MW-24 on 10/18/21 was 8.32, but the measured water level at time of sampling on 10/19/21 was 14.40, which makes more sense with the history. The reading from 10/18/21 appears to be anomalous.

Table 3
Groundwater Quality Indicator Parameters
Delavan Spray Technologies Site
Bamberg, South Carolina

Well	pH (S.U.)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	ORP (mV)
MW-1	4.87	0.029	20.4	16.79	4.53	385.8
MW-2	5.02	0.022	21.2	3.23	4.29	344.60
MW-3	4.96	0.020	21.6	2.79	5.45	356.4
MW-3D	7.59	0.240	21.5	6.62	2.63	154.0
MW-8	4.70	0.070	23.7	1.08	2.98	240.4
MW-9	4.68	0.036	17.6	6.28	4.02	380.5
MW-10	4.87	0.023	17.5	2.76	5.17	369.4
MW-10D	7.79	0.231	18.3	1.81	3.39	137.90
MW-12D	9.21	0.215	18.5	1.61	5.42	80.7
MW-13D	7.90	0.234	18.9	0.11	3.55	170.0
MW-14D	7.65	0.256	22.9	0.76	0.39	21.9
MW-19	4.34	0.073	21.7	0.00	1.20	442.9
MW-20	4.92	0.029	21.0	1.41	4.39	396.2
MW-21	5.04	0.023	21.4	2.43	0.32	232.5
MW-21D	7.73	0.231	20.8	2.08	0.37	-60.6
MW-22D	7.60	0.291	21.4	0.64	2.90	157.9
MW-24	4.87	0.036	19.0	4.37	5.44	366.0
MW-25D	7.61	0.294	20.9	2.16	2.66	131.2
MW-26D	7.44	0.292	21.6	0.00	2.16	124.4
MW-30D	7.60	0.292	19.1	0.76	3.26	156.8
MW-31D	7.71	0.277	19.7	2.81	4.08	162.6
MW-32DR	7.34	0.258	20.4	0.01	0.70	146.6
MW-33D	8.01	0.247	19.9	0.69	3.45	146.1
MW-34D	10.42	0.425	19.0	2.81	2.40	48.1
MW-35D	7.91	0.264	19.5	3.16	5.00	180.9
MW-36D	7.47	0.310	19.6	0.14	0.35	-147.5
MW-37	4.47	0.066	21.1	7.30	2.51	440.8

Notes:

°C - degrees Celsius

mS/cm - milliSiemens per centimeter

ORP - oxidation-reduction potential

S.U. - standard units

mg/L - milligrams per liter

mV - millivolts

NTUs - Nephelometric Turbidity Units

* - probably instrument error

Table 4
Summary of Analytical Results For Detected Compounds in Groundwater Samples
Delavan Spray Technologies Site
Bamberg, South Carolina

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-1 FA94916-16 04/14/22	MW-2 FA94916-6 04/13/22	MW-3 FA94916-3 04/13/22	MW-3D FA94916-4 04/13/22	MW-8 FA94916-7 04/13/22
Volatile Organic Compounds by Method 8260B (µg/L)						
1,1-Dichloroethylene	7	< 0.32	< 0.32	< 0.64	4.2 J//	< 1.6
cis-1,2-Dichloroethylene	70	3	< 0.28	2.3	7.6	7.6
Methylene Chloride	5	< 2	< 2	< 4	< 10	< 10
Tetrachloroethylene	5	83.5	0.67 J//	99.3	277	267
Toluene	1000	2.3 /B/T	2.6 /B/T	1.2 J/B/T	< 1.5	< 1.5
Trichloroethylene	5	6.1	< 0.35	2.7	8.8	46.2
Vinyl Chloride	2	< 0.41	< 0.41	< 0.82	< 2	< 2

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-9 FA94872-17 04/13/22	MW-10 FA94872-16 04/13/22	MW-10D FA94872-13 04/13/22	MW-12D FA94872-8 04/13/22	MW-13D FA94872-7 04/13/22
Volatile Organic Compounds by Method 8260B (µg/L)						
1,1-Dichloroethylene	7	< 0.64	< 3.2	< 0.32	< 0.32	1.8 J//
cis-1,2-Dichloroethylene	70	< 0.55	15.1	< 0.28	< 0.28	< 0.55
Methylene Chloride	5	5.1 J//	22.8 J//	< 2	< 2	< 4
Tetrachloroethylene	5	44.9	180	< 0.22	26.2	98.4
Toluene	1000	0.71 J/B/T	< 3	2.4 /B/T	0.66 J/B/T	0.97 J/B/T
Trichloroethylene	5	6.6	40.7	< 0.35	< 0.35	< 0.69
Vinyl Chloride	2	< 0.82	< 4.1	< 0.41	< 0.41	< 0.82

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-14D FA94916-1 04/13/22	MW-19 FA94916-11 04/14/22	MW-20 FA94916-10 04/14/22	MW-21 FA94916-17 04/14/22	MW-21D FA94872-20 04/13/22
Volatile Organic Compounds by Method 8260B (µg/L)						
1,1-Dichloroethylene	7	0.85 J//	< 320	< 0.81	< 64	2
cis-1,2-Dichloroethylene	70	0.46 J//	< 280	2.2 J//	791	1.3 J//
Methylene Chloride	5	< 2	2680 J//	10.8 J//	409 J//	5.1 J//
Tetrachloroethylene	5	50.5	52400	190	10300	59.9
Toluene	1000	< 0.3	< 300	2.1 J/B/T	< 60	< 0.6
Trichloroethylene	5	0.57 J//	< 350	3.5	296	< 0.69
Vinyl Chloride	2	< 0.41	< 410	< 1	300	< 0.82

Table 4
Summary of Analytical Results For Detected Compounds in Groundwater Samples
Delavan Spray Technologies Site
Bamberg, South Carolina

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-22D FA94872-11 04/13/22	MW-24 FA94916-8 04/14/22	MW-25D FA94872-12 04/13/22	MW-26D FA94872-18 04/13/22	MW-30D FA94872-6 04/13/22
Volatile Organic Compounds by Method 8260B (µg/L)						
1,1-Dichloroethylene	7	1.4	< 8.1	1.7 J//	1	1.5
cis-1,2-Dichloroethylene	70	0.46 J//	9.1 J//	1.1 J//	0.98 J//	1.1
Methylene Chloride	5	< 2	59.3 J//	4.7 J//	< 2	< 2
Tetrachloroethylene	5	81.8	1670	96.1	52.1	68.4
Toluene	1000	< 0.3	< 7.5	< 0.6	0.73 J/B/T	< 0.3
Trichloroethylene	5	< 0.35	< 8.6	< 0.69	1	1.1
Vinyl Chloride	2	< 0.41	< 10	< 0.82	< 0.41	< 0.41

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-31D FA94872-19 04/13/22	MW-32DR FA94872-14 04/13/22	MW-33D FA94916-15 04/14/22	MW-34D FA94916-12 04/14/22	MW-35D FA94916-13 04/14/22
Volatile Organic Compounds by Method 8260B (µg/L)						
1,1-Dichloroethylene	7	2.6	< 0.32	< 0.32	< 0.32	< 0.32
cis-1,2-Dichloroethylene	70	< 0.55	< 0.28	< 0.28	< 0.28	< 0.28
Methylene Chloride	5	5.7 J//	< 2	< 2	< 2	< 2
Tetrachloroethylene	5	126	18.7	< 0.22	< 0.22	< 0.22
Toluene	1000	< 0.6	0.3 J/B/T	0.48 J/B/T	2.2 /B/T	0.61 J/B/T
Trichloroethylene	5	< 0.69	< 0.35	< 0.35	< 0.35	< 0.35
Vinyl Chloride	2	< 0.82	< 0.41	< 0.41	< 0.41	< 0.41

Sample ID Lab Sample ID Date Collected	USEPA MCL	MW-36D FA94916-5 04/13/22	MW-37 FA94916-14 04/14/22
Volatile Organic Compounds by Method 8260B (µg/L)			
1,1-Dichloroethylene	7	< 0.32	113 J//
cis-1,2-Dichloroethylene	70	< 0.28	< 69
Methylene Chloride	5	< 2	661 J//
Tetrachloroethylene	5	< 0.22	27100
Toluene	1000	0.38 J/B/T	< 75
Trichloroethylene	5	< 0.35	< 86
Vinyl Chloride	2	< 0.41	< 100

Table 4
Summary of Analytical Results For Detected Compounds in Groundwater Samples
Delavan Spray Technologies Site
Bamberg, South Carolina

Notes:

µg/L - micrograms per liter (parts per billion)

USEPA MCL - United States Environmental Protection Agency Maximum Contaminant Level (March, 2018)

¹ 1998 Final Rule for Disinfectants and Disinfection By-products. The total for trihalomethanes (THM) is 80 ug/L.

— - Indicates No Standard (for screening criteria).

Bold font and shading indicate the concentration is detected.

Bold outline indicates the concentration exceeds the MCL.

South Carolina Department of Health and Environmental Control (SCDHEC) R.61-68 Water Classifications and Standards (June 27, 2014) were also identified for the list of detected chemicals in groundwater. In each case, however, they were the same values as the USEPA MCLs.

See Table 8 for explanation of data qualifiers.

Table 5
Summary of Analytical Results for Detected Compounds in Surface Water Samples
Delavan Spray Technologies Site
Bamberg, South Carolina

Sample ID Lab Sample ID Date Collected	USEPA MCL	SCDHEC WCS	SW-01-LC FA94872-1 04/12/22	SW-02-LC FA94872-2 04/12/22	SW-03-HMB FA94872-3 04/12/22	SW-04-TLC FA94872-4 04/12/22	SW-05-LC FA94872-5 04/12/22
Volatile Organic Compounds by Method 8260 (µg/L)							
Tetrachloroethylene	5	3.3	1	< 0.22	< 0.22	< 0.22	< 0.22
Toluene	1000	15000	< 0.3	< 0.3	< 0.3	0.43 J/B/T	< 0.3

Notes:

µg/L - micrograms per liter (parts per billion)

USEPA MCL - United States Environmental Protection Agency Maximum Contaminant Level (March 2018).

¹ 1998 Final Rule for Disinfectants and Disinfection By-products. The total for trihalomethanes (THM) is 80 ug/L.

— - Indicates No Standard (for screening criteria).

Bold font and shading indicate the concentration is detected.

SCDEC WCS - South Carolina Department of Health and Environmental Control R.61-68 Water Classifications and Standards
for Consumption of Organism Only (June 2014)

See Table 8 for explanation of data qualifiers.

Table 6
Summary of Analytical Results in Investigation-Derived Waste Sample
Delavan Spray Technologies Site
Bamberg, South Carolina

Sample ID Lab Sample ID Date Collected	USEPA Toxicity Characteristic	IDW-01 FA94916-18 04/14/22
Volatile Organic Compounds by 8260D (µg/L)		
1,1,1-Trichloroethane	—	10.9
1,1,2,2-Tetrachloroethane	—	< 0.3
1,1,2-Trichloroethane	—	< 0.47
1,1-Dichloroethane	—	< 0.34
1,1-Dichloroethylene	700	7.7
1,2-Dichloroethane	500	< 0.31
1,2-Dichloropropane	—	< 0.43
2-Butanone (MEK)	200,000	< 2
2-Hexanone	—	< 2
4-Methyl-2-pentanone (MIBK)	—	< 1
Acetone	—	73.3
Benzene	500	< 0.31
Bromodichloromethane	—	< 0.24
Bromoform	—	< 0.41
Carbon Disulfide	—	< 0.53
Carbon Tetrachloride	500	< 0.36
Chlorobenzene	100,000	< 0.2
Chloroethane	—	< 0.67
Chloroform	6,000	< 0.3
cis-1,2-Dichloroethylene	—	22.6
cis-1,3-Dichloropropene	—	< 0.29
Dibromochloromethane	—	< 0.28
Ethylbenzene	—	< 0.36
Methyl Bromide	—	< 2
Methyl Chloride	—	< 0.5
Methylene Chloride	—	< 2
Styrene	—	< 0.22
Tetrachloroethylene	700	1400
Toluene	—	1.5 /B/T
trans-1,2-Dichloroethylene	—	< 0.22
trans-1,3-Dichloropropene	—	< 0.21
Trichloroethylene	500	12
Vinyl Chloride	200	< 8.2
Xylene (total)	—	< 0.72
Semivolatile Organic Compounds by 8270E (µg/L)		
1,2,4-Trichlorobenzene	—	< 1
1,2-Dichlorobenzene	—	< 0.49
1,3-Dichlorobenzene	—	< 0.49
1,4-Dichlorobenzene	7,500	< 0.49
2,2'-Oxybis(1-chloropropane)	—	< 0.74
2,4,5-Trichlorophenol	400,000	< 0.73
2,4,6-Trichlorophenol	2,000	< 0.74
2,4-Dichlorophenol	—	< 0.82
2,4-Dimethylphenol	—	< 0.72
2,4-Dinitrophenol	—	< 4.9
2,4-Dinitrotoluene	130	< 0.8
2,6-Dinitrotoluene	—	< 0.7
2-Chloronaphthalene	—	< 0.49
2-Chloropheno	—	< 0.62
2-Methylnaphthalene	—	< 0.59
2-Methylpheno	200,000	< 0.55
2-Nitroaniline	—	< 1.8
2-Nitrophenol	—	< 0.84
3&4-Methylpheno	200,000	< 0.96
3,3'-Dichlorobenzidine	—	< 0.63
3-Nitroaniline	—	< 0.86
4,6-Dinitro-o-cresol	—	< 2
4-Bromophenyl Phenyl Ethe	—	< 0.83
4-Chloro-3-methyl Pheno	—	< 0.58
4-Chloroaniline	—	< 0.62
4-Chlorophenyl Phenyl Ethe	—	< 0.53

Table 6
Summary of Analytical Results in Investigation-Derived Waste Sample
Delavan Spray Technologies Site
Bamberg, South Carolina

Sample ID Lab Sample ID Date Collected	USEPA Toxicity Characteristic	IDW-01 FA94916-18 04/14/22
Volatile Organic Compounds by 8260D (µg/L)		
Semivolatile Organic Compounds by 8270E (µg/L)		
4-Nitroaniline	—	< 1.1
4-Nitrophenol	—	< 4.9
Acenaphthene	—	< 0.61
Acenaphthylene	—	< 0.63
Anthracene	—	< 0.78
Benzo(a)anthracene	—	< 0.75
Benzo(a)pyrene	—	< 0.77
Benzo(b)fluoranthene	—	< 0.76
Benzo(g,h,i)perylene	—	< 0.81
Benzo(k)fluoranthene	—	< 0.84
Benzoic Acid	—	< 9.8
Benzyl Alcohol	—	< 0.6
bis(2-Chloroethoxy)methane	—	< 0.79
bis(2-Chloroethyl)ether	—	< 0.72
bis(2-Ethylhexyl)phthalate	—	< 0.98
Butyl Benzyl Phthalate	—	< 0.98
Carbazole	—	< 0.59
Chrysene	—	< 0.83
Di-n-butyl Phthalate	—	< 0.98
Di-n-octyl Phthalate	—	< 0.98
Dibenzo(a,h)anthracene	—	< 0.79
Dibenzofuran	—	< 0.59
Diethyl Phthalate	—	< 0.98
Dimethyl Phthalate	—	< 0.98
Fluoranthene	—	< 0.54
Fluorene	—	< 0.69
Hexachlorobenzene	130	< 0.68
Hexachlorobutadiene	500	< 0.49
Hexachlorocyclopentadiene	—	< 1.8
Hexachloroethane	3,000	< 1.6
Indeno(1,2,3-cd)pyrene	—	< 0.7
Isophorone	—	< 0.76
N-Nitrosodi-n-propylamine	—	< 0.66
N-Nitrosodiphenylamine	—	< 0.79
Naphthalene	—	< 0.49
Nitrobenzene	2,000	< 0.91
Pentachloropheno	100,000	< 4.9
Phenanthrene	—	< 0.85
Phenol	—	< 0.49
Pyrene	—	< 0.67
Metals by 6010D (µg/L)		
Antimony	—	< 1
Arsenic	5,000	< 1.3
Beryllium	—	< 0.2
Cadmium	1,000	< 0.2
Chromium	5,000	1.7 J//
Copper	—	1.2 J//
Lead	5,000	< 1.1
Nickel	—	< 0.4
Selenium	1,000	< 2.9
Silver	5,000	1.2 J//
Thallium	—	< 1.4
Zinc	—	21.6
Mercury by 7470A (µg/L)		
Mercury	200	< 0.03

Notes:

— - No Standard

IDW - Investigation Derived Waste

µg/L - micrograms per liter (parts per billion)

USEPA Toxicity Characteristic - United States Environmental Protection

Agency Maximum Concentration of Contaminants for the Toxicity

Characteristic (40CFR§261.24 Toxicity Characteristic, July 1, 2007)

Bold font and shading indicates the analyte was detected

Bold outline indicates the concentration exceeds the screening criterion

See Table 8 for explanation of data qualifiers

Table 7
Summary of QA/QC Sample Results
Delavan Spray Technologies Site
Bamberg, South Carolina

Field Duplicates						
Sample ID Lab Sample ID Date Collected	MW-14D FA94916-1 04/13/22	MW-14D-A FA94916-2 04/13/22	Relative Percent Difference	MW-24 FA94916-8 04/14/22	MW-24-A FA94916-9 04/14/22	Relative Percent Difference
Volatile Organic Compounds by 8260D (µg/L)						
1,1,1-Trichloroethane	< 0.25	< 0.25	NC	< 6.2	< 5	NC
1,1,2,2-Tetrachloroethane	< 0.3	< 0.3	NC	< 7.5	< 6	NC
1,1,2-Trichloroethane	< 0.47	< 0.47	NC	< 12	< 9.3	NC
1,1-Dichloroethane	< 0.34	< 0.34	NC	< 8.5	< 6.8	NC
1,1-Dichloroethylene	0.85 J//	0.85 J//	NC	< 8.1	< 6.4	NC
1,2-Dichloroethane	< 0.31	< 0.31	NC	< 7.8	< 6.2	NC
1,2-Dichloropropane	< 0.43	< 0.43	NC	< 11	< 8.5	NC
2-Butanone (MEK)	< 2	< 2	NC	< 50	< 40	NC
2-Hexanone	< 2	< 2	NC	< 50	< 40	NC
4-Methyl-2-pentanone (MIBK)	< 1	< 1	NC	< 25	< 20	NC
Acetone	< 10	< 10	NC	< 250	< 200	NC
Benzene	< 0.31	< 0.31	NC	< 7.8	< 6.2	NC
Bromodichloromethane	< 0.24	< 0.24	NC	< 6.1	< 4.8	NC
Bromoform	< 0.41	< 0.41	NC	< 10	< 8.1	NC
Carbon Disulfide	< 0.53	< 0.53	NC	< 13	< 11	NC
Carbon Tetrachloride	< 0.36	< 0.36	NC	< 8.9	< 7.1	NC
Chlorobenzene	< 0.2	< 0.2	NC	< 5	< 4	NC
Chloroethane	< 0.67	< 0.67	NC	< 17	< 13	NC
Chloroform	< 0.3	< 0.3	NC	< 7.5	< 6	NC
cis-1,2-Dichloroethylene	0.46 J//	0.47 J//	NC	9.1 J//	9.6 J//	NC
cis-1,3-Dichloropropene	< 0.29	< 0.29	NC	< 7.3	< 5.8	NC
Dibromochloromethane	< 0.28	< 0.28	NC	< 6.9	< 5.5	NC
Ethylbenzene	< 0.36	< 0.36	NC	< 8.9	< 7.1	NC
Methyl Bromide	< 2	< 2	NC	< 50	< 40	NC
Methyl Chloride	< 0.5	< 0.5	NC	< 13	< 10	NC
Methylene Chloride	< 2	< 2	NC	59.3 J//	48.5 J//	NC
Styrene	< 0.22	< 0.22	NC	< 5.6	< 4.4	NC
Tetrachloroethylene	50.5	53.4	5.6	1670	1580	5.5
Toluene	< 0.3	0.31 J/B/T	NC	< 7.5	< 6	NC
trans-1,2-Dichloroethylene	< 0.22	< 0.22	NC	< 5.5	< 4.4	NC
trans-1,3-Dichloropropene	< 0.21	< 0.21	NC	< 5.4	< 4.3	NC
Trichloroethylene	0.57 J//	< 0.35	NC	< 8.6	< 6.9	NC
Vinyl Chloride	< 0.41	< 0.41	NC	< 10	< 8.2	NC
Xylene (total)	< 0.72	< 0.72	NC	< 18	< 14	NC

Table 7
Summary of QA/QC Sample Results
Delavan Spray Technologies Site
Bamberg, South Carolina

Field Duplicates			
Sample ID Lab Sample ID Date Collected	MW-32DR FA94872-14 04/13/22	MW-32DR-A FA94872-15 04/13/22	Relative Percent Difference
Volatile Organic Compounds by 8260D (µg/L)			
1,1,1-Trichloroethane	< 0.25	< 0.25	NC
1,1,2,2-Tetrachloroethane	< 0.3	< 0.3	NC
1,1,2-Trichloroethane	< 0.47	< 0.47	NC
1,1-Dichloroethane	< 0.34	< 0.34	NC
1,1-Dichloroethylene	< 0.32	< 0.32	NC
1,2-Dichloroethane	< 0.31	< 0.31	NC
1,2-Dichloropropane	< 0.43	< 0.43	NC
2-Butanone (MEK)	< 2	< 2	NC
2-Hexanone	< 2	< 2	NC
4-Methyl-2-pentanone (MIBK)	< 1	< 1	NC
Acetone	< 10	< 10	NC
Benzene	< 0.31	< 0.31	NC
Bromodichloromethane	< 0.24	< 0.24	NC
Bromoform	< 0.41	< 0.41	NC
Carbon Disulfide	< 0.53	< 0.53	NC
Carbon Tetrachloride	< 0.36	< 0.36	NC
Chlorobenzene	< 0.2	< 0.2	NC
Chloroethane	< 0.67	< 0.67	NC
Chloroform	< 0.3	< 0.3	NC
cis-1,2-Dichloroethylene	< 0.28	< 0.28	NC
cis-1,3-Dichloropropene	< 0.29	< 0.29	NC
Dibromochloromethane	< 0.28	< 0.28	NC
Ethylbenzene	< 0.36	< 0.36	NC
Methyl Bromide	< 2	< 2	NC
Methyl Chloride	< 0.5	< 0.5	NC
Methylene Chloride	< 2	< 2	NC
Styrene	< 0.22	< 0.22	NC
Tetrachloroethylene	18.7	18.5	1.1
Toluene	0.3 J/B/T	0.43 J/B/T	NC
trans-1,2-Dichloroethylene	< 0.22	< 0.22	NC
trans-1,3-Dichloropropene	< 0.21	< 0.21	NC
Trichloroethylene	< 0.35	< 0.35	NC
Vinyl Chloride	< 0.41	< 0.41	NC
Xylene (total)	< 0.72	< 0.72	NC

Notes:

-A - Indicates a field duplicate sample.

NC - Not Calculated

µg/L - micrograms per liter (parts per billion)

Bold font and shading indicate the concentration is detected.

See Table 8 for explanation of data qualifiers.

Table 7
Summary of QA/QC Sample Results
Delavan Spray Technologies Site
Bamberg, South Carolina

Trip Blanks				
Sample ID Lab Sample ID Date Collected	TRIP BLANK JB FA94872-9 04/12/22	TRIP BLANK MR FA94872-10 04/12/22	TRIP BLANK-JB FA94916-20 04/13/22	TRIP BLANK-MR FA94916-19 04/13/22
Volatile Organic Compounds by 8260D (µg/L)				
1,1,1-Trichloroethane	< 0.25	< 0.25	< 0.25	< 0.25
1,1,2,2-Tetrachloroethane	< 0.3	< 0.3	< 0.3	< 0.3
1,1,2-Trichloroethane	< 0.47	< 0.47	< 0.47	< 0.47
1,1-Dichloroethane	< 0.34	< 0.34	< 0.34	< 0.34
1,1-Dichloroethylene	< 0.32	< 0.32	< 0.32	< 0.32
1,2-Dichloroethane	< 0.31	< 0.31	< 0.31	< 0.31
1,2-Dichloropropane	< 0.43	< 0.43	< 0.43	< 0.43
2-Butanone (MEK)	< 2	< 2	< 2	< 2
2-Hexanone	< 2	< 2	< 2	< 2
4-Methyl-2-pentanone (MIBK)	< 1	< 1	< 1	< 1
Acetone	< 10	< 10	< 10	< 10
Benzene	< 0.31	< 0.31	< 0.31	< 0.31
Bromodichloromethane	< 0.24	< 0.24	< 0.24	< 0.24
Bromoform	< 0.41	< 0.41	< 0.41	< 0.41
Carbon Disulfide	< 0.53	< 0.53	< 0.53	< 0.53
Carbon Tetrachloride	< 0.36	< 0.36	< 0.36	< 0.36
Chlorobenzene	< 0.2	< 0.2	< 0.2	< 0.2
Chloroethane	< 0.67	< 0.67	< 0.67	< 0.67
Chloroform	< 0.3	< 0.3	< 0.3	< 0.3
cis-1,2-Dichloroethylene	< 0.28	< 0.28	< 0.28	< 0.28
cis-1,3-Dichloropropene	< 0.29	< 0.29	< 0.29	< 0.29
Dibromochloromethane	< 0.28	< 0.28	< 0.28	< 0.28
Ethylbenzene	< 0.36	< 0.36	< 0.36	< 0.36
Methyl Bromide	< 2	< 2	< 2	< 2
Methyl Chloride	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	< 2	< 2	< 2	< 2
Styrene	< 0.22	< 0.22	< 0.22	< 0.22
Tetrachloroethylene	< 0.22	< 0.22	< 0.22	< 0.22
Toluene	3.6	0.99 J//	3.3	2.4
trans-1,2-Dichloroethylene	< 0.22	< 0.22	< 0.22	< 0.22
trans-1,3-Dichloropropene	< 0.21	< 0.21	< 0.21	< 0.21
Trichloroethylene	< 0.35	< 0.35	< 0.35	< 0.35
Vinyl Chloride	< 0.41	< 0.41	< 0.41	< 0.41
Xylene (total)	< 0.72	< 0.72	< 0.72	< 0.72

Notes:

µg/L - micrograms per liter (parts per billion)

Bold font and shading indicates the analyte was detected.

See Table 8 for explanation of data qualifiers.

Table 8
Definitions of Data Qualifiers
Delavan Spray Technologies Site
Bamberg, South Carolina

<u>Modifier</u>	<u>Description</u>
<	Indicates not detected at the reporting limit indicated.
"/"	Separates the laboratory added data qualifiers from the validation data qualifiers. The laboratory added data qualifiers precede the first "/." The result qualifiers follow the first "/," and the analysis qualifiers follow the second "/." The result qualifiers are a product of the data validation process, and the analysis qualifiers define the type of QC excursion.

Laboratory Data Qualifiers

<u>Qualifier</u>	<u>Description</u>
J	Estimated concentration above the method detection limit and below the reporting limit.

Result Data Qualifiers

<u>Qualifier</u>	<u>Description</u>
B	The analyte was found in an associated blank as well as the sample.

Analysis Data Qualifiers

<u>Qualifier</u>	<u>Description</u>
T	Detected in the associated trip blank.

APPENDIX A

FIELD DOCUMENTATION

Equipment Calibration Logs

Water Level Data Summary

Field Data Logs for Groundwater Sampling

Field Data Logs for Surface Water/Sediment Sampling

Chain-of-Custody Forms

Daily Logbook Entries



FIELD INSTRUMENT CALIBRATION LOG

Project Name: DeLavan Spray Technologies Site
Project Number: 60656814
Calibrated By: Justin Butler
Signature: [Signature]

YSI 556 SN: 5489
Turbidity Meter Model/SN: 200711199
Additional Equipment SN: _____
Date: 4/13/22

Operation Notes:

- 1) Turn meter on in Run mode and allow to warm up 10 to 15 minutes prior to calibration.
- 2) Observe DO % for 2-3 minutes when meter is initially turned on. The unit should display decreasing values until it is stabilized near 100%.
- 3) If the meter does not stabilize at/near 100%, indicates the DO sensor requires maintenance.

These values should be keyed in when calibrating a water quality meter. Be sure to use the temperature of the standards, not ambient temperature; and be sure the temperature sensor is submerged in the solution.

Temp. C	pH 4	pH 7	pH 10	Conductivity	ORP
5	4.00	7.07	10.19	896.00	257.00
10	4.00	7.06	10.16	1020.00	250.50
15	4.00	7.04	10.10	1147.00	244.00
20	4.00	7.02	10.05	1278.00	237.50
25	4.00	7.01	10.01	1413.00	231.00
30	4.00	6.99	9.96	1548.00	224.50

mm Hg = millimeters of mercury. Note that the YSI 556 uses this information ONLY when the DO calibration is being done. After calibration is complete it no longer corrects for pressure change. Verify the meter is correct for your altitude when calibrating.

Altitude feet (asl)	Pressure (mmHg)	Altitude feet (asl)	Pressure (mmHg)	Altitude feet (asl)	Pressure (mmHg)
0	760	1126	730	2290	699
278	752	1413	722	2587	692
558	745	1703	714	2887	684
841	737	1995	707	3190	676

Temp C.	DO	Temp C.	DO	Temp C.	DO	Temp C.	DO
15	10.084	20	9.092	25	8.263	30	7.559
16	9.870	21	8.915	26	8.113	31	7.430
17	9.665	22	8.743	27	7.968	32	7.305
18	9.467	23	8.578	28	7.827	33	7.183
19	9.276	24	8.418	29	7.691	34	7.065
						35	6.950
						36	6.837
						37	6.727
						38	6.620
						39	6.515

Parameter	Before Calibration	After Calibration	Time	Units
Barometric Pressure	759.8		0745	mmHg
Temperature (Saturated Air)	19.9	20.0	0803	C
Temperature (Calibration Solution)	22.4	22.6	0800	C
DO	8.04	9.09	0745	mg/L
pH 7	7.17	7.02	0751	SU
pH 4	4.08	4.00	0754	SU
pH 10	10.01	10.05	0757	SU
Specific Conductance	1.40	1.28	0748	mS/cm
ORP	236.8	237.5	0800	mV

Calibrations performed 0.02, 10, and 1,000 NTU	Calibrations accepted: <u>Yes</u> No (circle one)



FIELD INSTRUMENT CALIBRATION LOG

Project Name: UTC Delavan
Project Number: 600656814
Calibrated By: M. L. K. Kull
Signature: [Signature]

YSI 556 SN: 5491
Turbidity Meter Model/SN: 20809171
Additional Equipment SN: ---
Date: 4-13-2022

Operation Notes:

- 1) Turn meter on in Run mode and allow to warm up 10 to 15 minutes prior to calibration.
- 2) Observe DO % for 2-3 minutes when meter is initially turned on. The unit should display decreasing values until it is stabilized near 100%.
- 3) If the meter does not stabilize at/near 100%, indicates the DO sensor requires maintenance.

These values should be keyed in when calibrating a water quality meter. Be sure to use the temperature of the standards, not ambient temperature; and be sure the temperature sensor is submerged in the solution.

Temp. C	pH 4	pH 7	pH 10	Conductivity	ORP
5	4.00	7.07	10.19	896.00	257.00
10	4.00	7.06	10.16	1020.00	250.50
15	4.00	7.04	10.10	1147.00	244.00
20	4.00	7.02	10.05	1278.00	237.50
25	4.00	7.01	10.01	1413.00	231.00
30	4.00	6.99	9.96	1548.00	224.50

mm Hg = millimeters of mercury. Note that the YSI 556 uses this information ONLY when the DO calibration is being done. After calibration is complete it no longer corrects for pressure change. Verify the meter is correct for your altitude when calibrating.

Altitude feet (asl)	Pressure (mmHg)	Altitude feet (asl)	Pressure (mmHg)	Altitude feet (asl)	Pressure (mmHg)
0	760	1126	730	2290	699
278	752	1413	722	2587	692
558	745	1703	714	2887	684
841	737	1995	707	3190	676

Temp C.	DO	Temp C.	DO	Temp C.	DO	Temp C.	DO
15	10.084	20	9.092	25	8.263	30	7.559
16	9.870	21	8.915	26	8.113	31	7.430
17	9.665	22	8.743	27	7.968	32	7.305
18	9.467	23	8.578	28	7.827	33	7.183
19	9.276	24	8.418	29	7.691	34	7.065

Parameter	Before Calibration	After Calibration	Time	Units
Barometric Pressure	758.7		0837	mmHg
Temperature (Saturated Air)	20.2°	20.5°	0838	c
Temperature (Calibration Solution)	18.6°	19.1	0850	c
DO	9.07	9.09	0845	mg/L
pH 7	7.04	7.03	0839	SU
pH 4	4.01	4.00	0841	SU
pH 10	10.06	10.06	0843	SU
Specific Conductance	1.261	1.270	0847	mS/cm
ORP	237.5	237.5	0849	mV

Calibrations performed 0.02, 10, and 1,000 NTU	Calibrations accepted: ☒ Yes ☐ No (circle one)

Project Name: Former Delavan Spray Technology Quality Meter Model/SN: 5489
 Project Number: 60656814 Turbidity Meter Model/SN: 201211199
 Calibrated By: Jishin Butler Additional Equipment Model/SN: _____
 Signature: [Signature] Date: 9/14/22

Operation Notes:

- 1) Turn meter on in Run mode and allow to warm up 10 to 15 minutes prior to calibration.
- 2) Observe DO % for 2-3 minutes when meter is initially turned on. The unit should display decreasing values until it is stabilized near 100%.
- 3) If the meter does not stabilize at/near 100%, indicates the DO sensor requires maintenance.

These values should be keyed in when calibrating a water quality meter.

Be sure to use the temperature of the standards, not ambient temperature; and be sure the temperature sensor is submerged in the solution.

Table 1: Calibration Values At Various Temperatures					
Temp. C	pH 4	pH 7	pH 10	Conductivity	ORP
5	4.00	7.07	10.19	896.00	257.00
10	4.00	7.06	10.16	1020.00	250.50
15	4.00	7.04	10.10	1147.00	244.00
20	4.00	7.02	10.05	1278.00	237.50
25	4.00	7.01	10.01	1413.00	231.00
30	4.00	6.99	9.96	1548.00	224.50

mm Hg = millimeters of mercury. Note that the most water quality meters use this information ONLY when the DO calibration is being done. After calibration is complete it no longer corrects for pressure change. Verify the meter is correct for your altitude when calibrating.

Table 2: Atmospheric Pressure / Altitude Table					
Altitude feet (amsl)	Pressure (mmHg)	Altitude feet (amsl)	Pressure (mmHg)	Altitude feet (amsl)	Pressure (mmHg)
0	760	1126	730	2290	699
278	752	1413	722	2587	692
558	745	1703	714	2887	684
841	737	1995	707	3190	676

Table 3: DO % Saturation Vs. Temperature									
Temp C.	DO	Temp C.	DO	Temp C.	DO	Temp C.	DO	Temp C.	DO
15	10.084	20	9.092	25	8.263	30	7.559	35	6.950
16	9.870	21	8.915	26	8.113	31	7.430	36	6.837
17	9.665	22	8.743	27	7.968	32	7.305	37	6.727
18	9.467	23	8.578	28	7.827	33	7.183	38	6.620
19	9.276	24	8.418	29	7.691	34	7.065	39	6.515

Water Quality Meter Calibration				
Parameter	Before Calibration	After Calibration	Time	Units
Barometric Pressure	756.3		0740	mmHg
Temperature (Saturated Air)	20.8	20.8	0758	C
Temperature (Calibration Solution)	22.4	22.3	0755	C
DO	8.63	8.91	0740	mg/L
pH 7	7.09	7.02	0746	SU
pH 4	3.95	4.00	0749	SU
pH 10	9.98	10.05	0752	SU
Specific Conductance	1.28	1.28	0743	mS/cm
ORP	238.5	237.5	0755	mV

Turbidity Meter Calibration		
Calibrations performed 0.02, 10, and 1,000 NTU	Calibrations accepted: <u>Yes</u>	No
	circle one	

Calibration Solutions				
Parameter	Manufacturer	Standard	Lot #	Expiration
pH 4.00		4.00 SU		
pH 7.01		7.01 SU		
pH 10.06		10.06 SU		
Specific Conductivity		1.413 mS/cm		
ORP		237.5 mV		
Turbidity		0.02 NTU		
Turbidity		10 NTU		
Turbidity		1,000 NTU		

FIELD INSTRUMENT CALIBRATION LOG

Project Name: UTC Delavan
 Project Number: 000066814
 Calibrated By: M. Rockwell
 Signature: M. Rockwell

YSI 556 SN: 5491
 Turbidity Meter Model/SN: 201809171
 Additional Equipment SN: -
 Date: 9-14-2022

Operation Notes:

- 1) Turn meter on in Run mode and allow to warm up 10 to 15 minutes prior to calibration.
- 2) Observe DO % for 2-3 minutes when meter is initially turned on. The unit should display decreasing values until it is stabilized near 100%.
- 3) If the meter does not stabilize at/near 100%, indicates the DO sensor requires maintenance.

These values should be keyed in when calibrating a water quality meter. Be sure to use the temperature of the standards, not ambient temperature, and be sure the temperature sensor is submerged in the solution.

Temp. C	pH 4	pH 7	pH 10	Conductivity	ORP
5	4.00	7.07	10.19	896.00	257.00
10	4.00	7.06	10.16	1020.00	250.50
15	4.00	7.04	10.10	1147.00	244.00
20	4.00	7.02	10.05	1278.00	237.50
25	4.00	7.01	10.01	1413.00	231.00
30	4.00	6.99	9.96	1548.00	224.50

mm Hg = millimeters of mercury. Note that the YSI 556 uses this information ONLY when the DO calibration is being done. After calibration is complete it no longer corrects for pressure change. Verify the meter is correct for your altitude when calibrating.

Altitude feet (asl)	Pressure (mmHg)	Altitude feet (asl)	Pressure (mmHg)	Altitude feet (asl)	Pressure (mmHg)
0	760	1126	730	2290	699
278	752	1413	722	2587	692
558	745	1703	714	2887	684
841	737	1995	707	3190	676

Temp C.	DO	Temp C.	DO	Temp C.	DO	Temp C.	DO
15	10.084	20	9.092	25	8.263	30	7.559
16	9.870	21	8.915	26	8.113	31	7.430
17	9.665	22	8.743	27	7.968	32	7.305
18	9.467	23	8.578	28	7.827	33	7.183
19	9.276	24	8.418	29	7.691	34	7.065

Parameter	Before Calibration	After Calibration	Time	Units
Barametric Pressure	754.5		0754	mmHg
Temperature (Saturated Air)	19.8°	20.3°	0808	C
Temperature (Calibration Solution)	23.2°	22.9°	0807	C
DO	9.09	9.09	0805	mg/L
pH 7	7.04	7.03	0800	SU
pH 4	4.01	4.00	0758	SU
pH 10	10.02	10.04	0802	SU
Specific Conductance	1.38	1.40	0756	mS/cm
ORP	237.6	237.6	0804	mV

Calibrations performed 0.02, 10, and 1,000 NTU	Calibrations accepted: <u>Yes</u> (circle one) No

YSI 556 MPS / Water Quality Calibration Certificate

AECOM

Cal Standard	Temp, LAB, C :	Temp, FIELD, C :			
Conductivity 1413 UMHO/CM @ 25°C	Lot # 8011343	Expiration 11/22	Post-Cal, LAB 1.41	Post-Cal, FIELD	Acceptable Range (+/- .5%)
PH 4.00 @ 25°C	Lot # 8102052	Expiration 2/23	Post-Cal, LAB 4.02	Post-Cal, FIELD	Acceptable Range (+/- 0.2 units)
PH 7.01 @ 25°C	Lot # 8101544	Expiration 2/23	Post-Cal, LAB 7.10	Post-Cal, FIELD	Acceptable Range (+/- 0.2 units)
PH 10.01 @ 25°C	Lot # 8102625	Expiration 3/23	Post-Cal, LAB 10.01	Post-Cal, FIELD	Acceptable Range (+/- 0.2 units)
ORP ZOBELLS 231.0 MV @ 25°C	Lot # 8108575	Expiration 6/22	Post-Cal, LAB 237.5	Post-Cal, FIELD	Acceptable Range (+/- 20 MV)

Dissolved Oxygen (Saturated Air)	Post-Cal, LAB	Temp, C	% Saturation	mg/L	Acceptable Range (+/- 2%) / (+/- 2%)
		22.6	95.6	8.27	
	Post-Cal, FIELD	Temp, C	% Saturation	mg/L	

New DO Membrane

☐ Yes
 ☒ No

Do Cap Color

☐ Black
 ☐ Blue
 ☒ Yellow

Model YSI - PRO PLUS ▼ S/N 5485 ▼ Cable 14A ▼

Calibration referenced to the temperature of the calibration standards.

Turbidity	Lot #	Expiration	Post-Cal, LAB	Post-Cal, FIELD	Acceptable Range
.02 NTU	211042	01-23	0.02		(.0196 to .0204)
10 NTU	211019	01-23	9.98		(9.8 to 10.2)
1000 NTU	211059	01-23	1006		(970 to 1031)

Model Micro TPW ▼ S/N 206711199 ▼

Calibrated By Eric Olson ▼ Date of Calibration 4-7-22

Project Name UTC Project number 60656814

Signed : Eric Olson

YSI 556 MPS / Water Quality Calibration Certificate

AECOM

Cal Standard	Temp, LAB, C :	Temp, FIELD, C :
Conductivity 1413 UMHO/CM @ 25°C	Lot # 8011343	Expiration 11/22
	Post-Cal, LAB 1.41	Post-Cal, FIELD
	Acceptable Range (+/- .5%)	
PH 4.00 @ 25°C	Lot # 8102052	Expiration 2/23
	Post-Cal, LAB 3.99	Post-Cal, FIELD
	Acceptable Range (+/- 0.2 units)	
PH 7.01 @ 25°C	Lot # 8101544	Expiration 2/23
	Post-Cal, LAB 7.10	Post-Cal, FIELD
	Acceptable Range (+/- 0.2 units)	
PH 10.01 @ 25°C	Lot # 8102625	Expiration 3/23
	Post-Cal, LAB 10.00	Post-Cal, FIELD
	Acceptable Range (+/- 0.2 units)	
ORP ZOBELLS 231.0 MV @ 25°C	Lot # 8108575	Expiration 6/22
	Post-Cal, LAB 232.5	Post-Cal, FIELD
	Acceptable Range (+/- 20 MV)	

Dissolved Oxygen (Saturated Air)	Post-Cal, LAB	Temp, C	% Saturation	mg/L	Acceptable Range (+/- 2%) / (+/- 2%)
		25-4	95-3	7.83	
	Post-Cal, FIELD	Temp, C	% Saturation	mg/L	
	New DO Membrane ☐ Yes ☒ No Do Cap Color ☐ Black ☐ Blue ☒ Yellow				

Model YSI - PRO PLUS S/N 549/ Cable N/A

Calibration referenced to the temperature of the calibration standards.

Turbidity	Lot #	Expiration	Post-Cal, LAB	Post-Cal, FIELD	Acceptable Range
.02 NTU	211042	08-23	0.02		(.0196 to .0204)
10 NTU	211059	08-23	10.01		(9.8 to 10.2)
1000 NTU	211019	08-23	1000		(970 to 1031)

Model Micro TPW S/N 2018809171

Calibrated By Eric Olson Date of Calibration 4-7-22

Project Name VTC Project number 60656814

Signed: [Signature]

WATER LEVEL DATA SUMMARY

PROJECT: Delavan Spray Technologies SiteJOB NUMBER: 100656814LOCATION: Bamberg, South CarolinaDATE: 4-12-2022CLIENT: Raytheon Technologies CorpMEASURED BY: M. Rockwell / J. Butler

SURVEY DATUM: _____

MEASURING DEVICE: Electronic Water Level Indicator

MEASUREMENT POINT IDENTIFICATION	TOC ELEVATION (FT MSL)	DEPTH TO BOTTOM OF WELL (FT BTOC)	POINT OF MEASURE	DEPTH TO WATER (FT BTOC)	COMMENTS
MW-1			TOC	11.61	
MW-2			TOC	11.06	
MW-3			TOC	12.95	
MW-3D			TOC	13.74	
MW-3DI			TOC	13.54	
MW-4			TOC	6.09	
MW-5			TOC	6.59	
MW-6			TOC	4.28	
MW-7			TOC	12.95	
MW-8			TOC	10.41	
MW-9			TOC	4.69	
MW-9D			TOC	9.21	
MW-10			TOC	3.78	
MW-10D			TOC	7.05	
MW-11			TOC	6.85	
MW-12D			TOC	13.02	
MW-13D			TOC	12.03	
MW-14			TOC	10.71	
MW-14D			TOC	12.07	12.70
MW-15			---	---	*4/12/22 cannot cross water is high *4/13/22 made 2nd attempt
MW-15D			---	---	
MW-15DI			---	---	
MW-16			TOC	2.66	
MW-16D			TOC	4.81	
MW-17			TOC	2.68	
MW-18			TOC	9.83	

Notes:

BTOC - Below Top of Casing

MSL - Mean Sea Level

TOC - Top of Casing

LLMH - Lower Lip of Man Hole

WATER LEVEL DATA SUMMARY

PROJECT: Delavan Spray Technologies SiteJOB NUMBER: 120656814LOCATION: Bamberg, South CarolinaDATE: 4-12-2022CLIENT: Raytheon Technologies CorpMEASURED BY: M. Rockwell | J. Butler

SURVEY DATUM: _____

MEASURING DEVICE: Electronic Water Level Indicator

MEASUREMENT POINT IDENTIFICATION	TOC ELEVATION (FT MSL)	DEPTH TO BOTTOM OF WELL (FT BTOC)	POINT OF MEASURE	DEPTH TO WATER (FT BTOC)	COMMENTS
MW-19			TOC	12.11	
MW-20			TOC	11.85	
MW-21			TOC	12.21	
MW-21D			TOC	12.54	*Car on top 4/12/22
MW-22D			TOC	11.95	
MW-23D			TOC	13.73	
MW-24			TOC	13.33	
MW-25D			TOC	4.39	
MW-26D			TOC	6.65	no 9.96
MW-27			TOC	8.09	
MW-28			TOC	11.83	
MW-29			TOC	6.43	
MW-30D			TOC	4.95	
MW-31D			TOC	8.82	
MW-32DR			TOC	6.65	
MW-33D			TOC	12.91	
MW-34D			TOC	13.80	
MW-35D			TOC	11.83	
MW-36D			TOC	2.37	
MW-37			TOC	11.91	

Notes:

BTOC - Below Top of Casing

MSL - Mean Sea Level

TOC - Top of Casing

LLMH - Lower Lip of Man Hole



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page ____ of ____

Date (mo/day/yr)	4/14/22		
Field Personnel	Justin Butler		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-1		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions Partly Cloudy			
Air Temperature	76 ° F		
Total Well Depth (TWD) =	18.00	1/100 ft	
Depth to Ground Water (DGW) =	11.61	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =	6.39	1/100 ft	
1 Casing Volume (OCV)* = LWC x 0.163 =	1.04	gal	
3 Casing Volumes =	3.12	gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	2.50 gal		

Casing Diameter	2.0	inches
Casing Material	PVC	
Measuring Point Elevation	147.19	1/100 ft
Height of Riser (above land surface)	-0.37	1/100 ft
Land Surface Elevation	147.56	1/100 ft
Screened Interval	3 - 18	1/100 ft
Dedicated Pump or Bailer	YES ☒ NO ☐	Type tubing
Steel Guard Pipe Around Casing	YES ☒ NO ☐	
Locking Cap	YES ☒ NO ☐	
Protective Post/Abutment	YES ☐ NO ☒	X
Well Integrity Satisfactory	YES ☒ NO ☐	
Yield	LOW X MODERATE HIGH	
Comments/Observations		
Sample Time: 1155		
Sample Analytes: VOCs		
Hack Fe Kit: N/A mg/L		

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h$ (7.48), where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES										
VOLUME PURGED (gallons)	Initial	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50
TIME (Military)	1104	1109	1114	1119	1124	1129	1134	1139	1144	1149	1154
Water Level (ft BTOC)	12.00	12.27	12.54	12.80	13.06	13.31	13.51	13.71	13.84	13.95	14.05
pH (S.U.)	5.00	5.04	4.98	4.92	4.85	4.84	4.84	4.85	4.85	4.86	4.87
Sp. Cond. (mS/cm)	0.028	0.028	0.028	0.028	0.029	0.029	0.029	0.029	0.029	0.029	0.029
Water Temp. (°C)	20.2	20.2	20.1	20.0	19.8	19.9	20.4	20.3	20.5	20.6	20.4
Turbidity (NTUs)	15.92	16.40	16.61	16.80	14.52	13.03	12.56	12.15	13.96	15.81	16.79
DO - (mg/L)	5.53	5.96	6.17	6.08	5.45	5.35	4.99	4.78	4.62	4.57	4.53
Salinity (ppt)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
ORP (mV)	365.1	362.0	368.4	377.0	391.8	391.4	388.8	388.3	388.6	381.5	385.8

COMMENTS/OBSERVATIONS

Began purging at 1100 Purging rate: 189 ml/min

Breathing Zone: 117 ppm

Well Head: 104 ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page ____ of ____

Date (mo/day/yr)	4/13/22		
Field Personnel	Justin Butler		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-2		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions Partly Cloudy			
Air Temperature	79	° F	
Total Well Depth (TWD) =	18.00	1/100 ft	
Depth to Ground Water (DGW) =	11.06	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =	6.94	1/100 ft	
1 Casing Volume (OCV)* = LWC x	0.163	=	1.13 gal
3 Casing Volumes =	3.39	gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	1.25 gal		

Casing Diameter	2.0	inches
Casing Material	PVC	
Measuring Point Elevation	147.63	1/100 ft
Height of Riser (above land surface)	-0.18	1/100 ft
Land Surface Elevation	147.81	1/100 ft
Screened Interval	3 - 18	1/100 ft
Dedicated Pump or Bailer	YES ☒ NO ☐	Type Tubing
Steel Guard Pipe Around Casing	YES ☒ NO ☐	
Locking Cap	YES ☒ NO ☐	
Protective Post/Abutment	YES ☐ NO ☒	
Well Integrity Satisfactory	YES ☒ NO ☐	
Yield	LOW ☐ MODERATE ☒ HIGH ☐	
Comments/Observations		
Sample Time: 1405 1605		
Sample Analytes: VOC'S		
Hack Fe Kit: N/A mg/L		

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h$ (7.48), where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES										
	Initial	0.25	0.50	0.75	1.00	1.25					
VOLUME PURGED (gallons)	1536	1541	1546	1551	1556	1601					
TIME (Military)	11.10	11.11	11.11	11.11	11.11	11.11					
Water Level (ft BTOC)	5.07	4.99	5.02	5.00	5.02	5.02					
pH (S.U.)	0.026	0.024	0.024	0.023	0.022	0.022					
Sp. Cond. (mS/cm)	22.4	21.5	22.0	22.4	21.9	21.2					
Water Temp. (°C)	5.57	5.21	5.04	4.51	3.83	3.23					
Turbidity (NTUs)	5.79	4.63	4.28	4.21	4.25	4.29					
DO - (mg/L)	0.01	0.01	0.01	0.01	0.01	0.01					
Salinity (ppt)	310.6	334.9	337.8	345.4	351.2	344.6					
ORP (mV)											

COMMENTS/OBSERVATIONS

Began purging at 1530 Purging rate: 189 ml/min

Breathing Zone: NA ppm

Well Head: N/A ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page 1 of 1

Date (mo/day/yr)	4/13/22		
Field Personnel	Justin Butler		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-3		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions Clear			
Air Temperature	77	° F	
Total Well Depth (TWD) =	18.00	1/100 ft	
Depth to Ground Water (DGW) =	12.95	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =	5.05	1/100 ft	
1 Casing Volume (OCV)* = LWC x	0.163	=	0.82 gal
3 Casing Volumes =	2.46	gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	1.25 gal		

Casing Diameter	2.0	inches
Casing Material	PVC	
Measuring Point Elevation	148.11	1/100 ft
Height of Riser (above land surface)	-0.23	1/100 ft
Land Surface Elevation	148.34	1/100 ft
Screened Interval	3 - 18	1/100 ft
Dedicated Pump or Bailer	YES ☒ NO ☐	Type tubing
Steel Guard Pipe Around Casing	YES ☒ NO ☐	
Locking Cap	YES ☒ NO ☐	
Protective Post/Abutment	YES ☐ NO ☒	
Well Integrity Satisfactory	YES ☒ NO ☐	
Yield	LOW ☐ MODERATE ☐ HIGH ☒	
Comments/Observations		
Sample Time: 1355		
Sample Analytes: VOC		
Hack Fe Kit: NA mg/L		

* - One casing volume (gallons) for a 0.5 inch well is 0.0102X LWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h$ (7.48), where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES										
	Initial	0.25	0.50	0.75	1.00	1.25					
VOLUME PURGED (gallons)	1327	1332	1337	1342	1347	1352					
TIME (Military)	1308	1309	1309	1309	1309	1309					
Water Level (ft BTOC)	5.04	5.02	5.00	4.98	4.98	4.96					
pH (S.U.)	0.022	0.021	0.021	0.020	0.019	0.020					
Sp. Cond. (mS/cm)	21.7	21.4	21.7	21.5	21.5	21.6					
Water Temp. (°C)	4.63	3.98	3.48	3.31	3.23	2.79					
Turbidity (NTUs)	5.23	5.36	5.28	5.51	5.51	5.45					
DO - (mg/L)	0.01	0.01	0.01	0.01	0.01	0.01					
Salinity (ppt)	310.3	332.8	344.4	351.7	354.7	356.4					
ORP (mV)											

COMMENTS/OBSERVATIONS

Began purging at 1324 Purging rate: 189 ml/min

Breathing Zone: NA ppm

Well Head: NA ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page ____ of ____

Date (mo/day/yr)	4/13/22		
Field Personnel	Justin Butler		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-3D		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions Partly Cloudy			
Air Temperature	77	° F	
Total Well Depth (TWD) =	49.00	1/100 ft	
Depth to Ground Water (DGW) =	13.74	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =		1/100 ft	
1 Casing Volume (OCV)* = LWC x	0.163	=	gal
3 Casing Volumes =		gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed		gal	

Casing Diameter	2.0	inches
Casing Material	PVC	
Measuring Point Elevation	148.12	1/100 ft
Height of Riser (above land surface)	-0.23	1/100 ft
Land Surface Elevation	-0.16	1/100 ft
Screened Interval	44 - 49	1/100 ft
Dedicated Pump or Bailer	YES ☒ NO ☐	Type tubing
Steel Guard Pipe Around Casing	YES ☒ NO ☐	
Locking Cap	YES ☒ NO ☐	
Protective Post/Abutment	YES ☐ NO ☒	
Well Integrity Satisfactory	YES ☒ NO ☐	
Yield	LOW ☐ MODERATE ☐ HIGH ☒	
Comments/Observations		
Sample Time: 1445		
Sample Analytes: VOCs		
Hack Fe Kit: NA mg/L		

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES										
	Initial	0.25	0.50	0.75	1.00	1.25					
VOLUME PURGED (gallons)											
TIME (Military)	1417	1422	1427	1432	1437	1442					
Water Level (ft BTOC)	13.79	13.79	13.79	13.79	13.74	13.79					
pH (S.U.)	7.57	7.58	7.59	7.60	7.59	7.59					
Sp. Cond. (mS/cm)	0.237	0.238	0.240	0.240	0.240	0.240					
Water Temp. (°C)	26.4	21.3	21.4	21.5	21.5	21.5					
Turbidity (NTUs)	7.07	7.51	7.79	7.40	6.91	6.62					
DO - (mg/L)	2.28	2.50	2.52	2.55	2.58	2.63					
Salinity (ppt)	0.11	0.11	0.11	0.11	0.11	0.11					
ORP (mV)	190.4	177.7	168.1	161.3	158.6	154.0					

COMMENTS/OBSERVATIONS

Began purging at 1445 Purging rate: 189 ml/min

Breathing Zone: NA ppm

Well Head: NA ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page 1 of 1

Date (mo/day/yr) <u>4-13-22</u>		Casing Diameter <u>2.0</u> inches	
Field Personnel <u>M. Rockwell</u>		Casing Material <u>PVC</u>	
Site Name <u>Delavan Spray Technologies Site</u>		Measuring Point Elevation <u>145.66</u> 1/100 ft	
AECOM Job # <u>60656814</u>		Height of Riser (above land surface) <u>-0.29</u> 1/100 ft	
Sample ID* <u>MW-8</u>		Land Surface Elevation <u>145.95</u> 1/100 ft	
☐ Upgradient ☐ Downgradient ☐ Sidegradient ☐ Source		Screened Interval <u>5</u> - <u>20</u> 1/100 ft	
Weather Conditions <u>Partly cloudy</u>		Dedicated Pump or Bailer YES ☒ NO ☐ Type <u>tubing</u>	
Air Temperature <u>80°</u> ° F		Steel Guard Pipe Around Casing YES ☐ NO ☒	
Total Well Depth (TWD) = <u>20.00</u> 1/100 ft		Locking Cap YES ☒ NO ☐	
Depth to Ground Water (DGW) = <u>10.42</u> 1/100 ft		Protective Post/Abutment YES ☐ NO ☒	
Length of Water Column (LWC) = TWD - DGW = <u> </u> 1/100 ft		Well Integrity Satisfactory YES ☒ NO ☐	
1 Casing Volume (OCV)* = LWC x <u>0.163</u> = <u> </u> gal		Yield LOW ☐ MODERATE ☒ HIGH ☐	
3 Casing Volumes = <u> </u> gal = Standard Evacuation Volume		Comments/Observations <u>@ 1615</u>	
Method of Sample Evacuation <u>Purge with Peristaltic Pump</u>		Sample Time: <u>@ 1615</u>	
Method of Sample Collection <u>Peristaltic Pump Reverse Flow for VOC'S</u>		Sample Analytes: <u>VOC's</u>	
Total Volume of Water Removed <u> </u> gal		Heck Fe Kit: <u> </u> mg/L	

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.
Volume (in gallons) = $\pi r^2 h$ (7.48), where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES						
	Initial	0.20	0.45	0.90	1.80	1.60	2.0
VOLUME PURGED (gallons)	1540	1545	1550	1555	1600	1605	1610
TIME (Military)	10.45	10.70	10.85	10.86	10.90	10.90	10.90
Water Level (ft BTOC)	3.20	4.80	4.80	4.76	4.72	4.72	4.70
pH (S.U.)	0.071	0.069	0.064	0.066	0.067	0.069	0.070
Sp. Cond. (mS/cm)	24.0	23.8	23.6	24.1	24.2	23.7	23.7
Water Temp. (°C)	4.26	4.12	2.44	3.51	1.80	0.99	1.08
Turbidity (NTUs)	3.25	1.73	3.11	3.09	3.01	3.00	2.98
DO - (mg/L)	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Salinity (ppt)	262.2	277.3	264.1	250.0	237.0	239.4	240.4
ORP (mV)							

COMMENTS/OBSERVATIONS	Began purging at	Purging rate:	ml/min	Breathing Zone:	ppm
				Well Head:	ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

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Date (mo/day/yr)	4/13/22		
Field Personnel	Lishan Butler		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-9		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions cloudy			
Air Temperature	70 ° F		
Total Well Depth (TWD) =	20.00	1/100 ft	
Depth to Ground Water (DGW) =	4.69	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =	15.31	1/100 ft	
1 Casing Volume (OCV)* = LWC x	0.163	=	2.50 gal
3 Casing Volumes =	2.50	gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	1.50 gal		

Casing Diameter	2.0		inches
Casing Material	PVC		
Measuring Point Elevation	143.89	1/100 ft	
Height of Riser (above land surface)	-0.22	1/100 ft	
Land Surface Elevation	144.11	1/100 ft	
Screened Interval	5	-	20 1/100 ft
Dedicated Pump or Bailer	YES ☒	NO ☐	Type tubing
Steel Guard Pipe Around Casing	YES ☒	NO ☐	
Locking Cap	YES ☒	NO ☐	
Protective Post/Abutment	YES ☐	NO ☒	
Well Integrity Satisfactory	YES ☒	NO ☐	
Yield	LOW ☒	MODERATE ☐	HIGH ☐
Comments/Observations			
Sample Time: 1215 MS/MSD			
Sample Analytes: VOC'S			
Hack Fe Kit: NA mg/L			

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h$ (7.48), where r is the radius (ft) and h is the height (ft).

VOLUME PURGED (gallons)	FIELD ANALYSES										
	Initial	0.25	0.50	0.75	1.00	1.25	1.50				
TIME (Military)	1141	1146	1149	1156	1201	1206	1211				
Water Level (ft BTOC)	5.20	5.38	5.55	5.63	5.72	5.78	5.81				
pH (S.U.)	4.71	4.70	4.69	4.67	4.66	4.68	4.68				
Sp. Cond. (mS/cm)	0.032	0.032	0.036	0.038	0.039	0.037	0.036				
Water Temp. (°C)	18.0	17.8	17.8	17.6	17.7	17.6	17.6				
Turbidity (NTUs)	10.17	9.03	8.52	8.19	7.99	6.56	6.28				
DO - (mg/L)	4.12	4.07	4.02	4.09	4.01	4.04	4.02				
Salinity (ppt)	0.01	0.01	0.02	0.02	0.02	0.02	0.02				
ORP (mV)	371.3	383.0	372.0	378.1	380.2	378.6	380.5				

COMMENTS/OBSERVATIONS

Began purging at 1138 Purging rate: 189 ml/min

Breathing Zone: NA ppm

Well Head: NA ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

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Date (mo/day/yr)	4/13/12		
Field Personnel	Justin Butler		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-10		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions cloudy			
Air Temperature	70's ° F		
Total Well Depth (TWD) =	18.00	1/100 ft	
Depth to Ground Water (DGW) =	3.78	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =	14.22	1/100 ft	
1 Casing Volume (OCV)* = LWC x 0.163 =	2.32	gal	
3 Casing Volumes =	6.96	gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	1.25 gal		

Casing Diameter	2.0	inches
Casing Material	PVC	
Measuring Point Elevation	142.19	1/100 ft
Height of Riser (above land surface)	-0.37	1/100 ft
Land Surface Elevation	142.56	1/100 ft
Screened Interval	3 - 18	1/100 ft
Dedicated Pump or Bailer	YES ☒ NO ☐	Type tubing
Steel Guard Pipe Around Casing	YES ☒ NO ☐	
Locking Cap	YES ☒ NO ☐	
Protective Post/Abutment	YES ☐ NO ☒	
Well Integrity Satisfactory	YES ☒ NO ☐	
Yield	LOW ☒ MODERATE ☐ HIGH ☐	
Comments/Observations		
Sample Time: 1135		
Sample Analytes: VOC'S		
Hack Fe Kit: NA mg/L		

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h$ (7.48), where r is the radius (ft) and h is the height (ft).

VOLUME PURGED (gallons)	FIELD ANALYSES										
	Initial	0.25	0.50	0.75	1.00	1.25					
TIME (Military)	1105	1110	1115	1120	1125	1130					
Water Level (ft BTOC)	4.03	4.06	4.08	4.09	4.10						
pH (S.U.)	4.95	4.93	4.88	4.88	4.88	4.87					
Sp. Cond. (mS/cm)	0.026	0.025	0.024	0.024	0.024	0.023					
Water Temp. (°C)	17.4	17.2	17.2	17.4	17.4	17.5					
Turbidity (NTUs)	4.26	3.61	2.49	2.53	2.76						
DO - (mg/L)	5.22	5.33	5.25	5.07	5.11	5.17					
Salinity (ppt)	0.01	0.01	0.01	0.01	0.01	0.01					
ORP (mV)	319.9	344.0	359.0	366.4	368.1	369.4					

COMMENTS/OBSERVATIONS

Began purging at 1108 Purging rate: 189 ml/min

Breathing Zone: NA ppm

Well Head: NA ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page ____ of ____

Date (mo/day/yr) <u>4/13/22</u> Field Personnel <u>Justin Butler</u> Site Name <u>Delavan Spray Technologies Site</u> AECOM Job # <u>60656814</u> Sample ID* <u>MW-10D</u> Upgradient ☐ Downgradient ☐ Sidegradient ☐ Source ☐ Weather Conditions <u>cloudy</u> Air Temperature <u>69</u> °F Total Well Depth (TWD) = <u>48.00</u> 1/100 ft Depth to Ground Water (DGW) = <u>7.05</u> 1/100 ft Length of Water Column (LWC) = TWD - DGW = <u>40.95</u> 1/100 ft 1 Casing Volume (OCV)* = LWC x <u>0.163</u> = <u>6.67</u> gal 3 Casing Volumes = <u>20.01</u> gal = Standard Evacuation Volume Method of Sample Evacuation <u>Purge with Peristaltic Pump</u> Method of Sample Collection <u>Peristaltic Pump Reverse Flow for VOC'S</u> Total Volume of Water Removed <u>1.25</u> gal		Casing Diameter <u>2.0</u> inches Casing Material <u>PVC</u> Measuring Point Elevation <u>141.79</u> 1/100 ft Height of Riser (above land surface) <u>-0.29</u> 1/100 ft Land Surface Elevation <u>142.08</u> 1/100 ft Screened Interval <u>43</u> - <u>48</u> 1/100 ft Dedicated Pump or Bailer YES ☒ NO ☐ Type <u>tubing</u> Steel Guard Pipe Around Casing YES ☒ NO ☐ Locking Cap YES ☒ NO ☐ Protective Post/Abutment YES ☐ NO ☒ Well Integrity Satisfactory YES ☒ NO ☐ Yield LOW ☐ MODERATE ☒ HIGH ☐ Comments/Observations Sample Time: <u>1160</u> Sample Analytes: <u>VOC'S</u> Hack Fe Kit: <u>NA</u> mg/L	

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES					
	Initial	0.25	0.50	0.75	1.00	1.25
VOLUME PURGED (gallons)						
TIME (Military)	<u>1030</u>	<u>1035</u>	<u>1040</u>	<u>1045</u>	<u>1050</u>	<u>1055</u>
Water Level (ft BTOC)	<u>7.15</u>	<u>7.15</u>	<u>7.15</u>	<u>7.15</u>	<u>7.15</u>	<u>7.15</u>
pH (S.U.)	<u>7.81</u>	<u>7.77</u>	<u>7.79</u>	<u>7.80</u>	<u>7.80</u>	<u>7.79</u>
Sp. Cond. (mS/cm)	<u>0.228</u>	<u>0.227</u>	<u>0.229</u>	<u>0.230</u>	<u>0.230</u>	<u>0.231</u>
Water Temp. (°C)	<u>18.4</u>	<u>18.3</u>	<u>18.3</u>	<u>18.3</u>	<u>18.3</u>	<u>18.3</u>
Turbidity (NTUs)	<u>7.39</u>	<u>7.28</u>	<u>7.10</u>	<u>4.87</u>	<u>1.91</u>	<u>1.81</u>
DO - (mg/L)	<u>3.97</u>	<u>3.79</u>	<u>3.57</u>	<u>3.38</u>	<u>3.46</u>	<u>3.39</u>
Salinity (ppt)	<u>0.11</u>	<u>0.11</u>	<u>0.11</u>	<u>0.11</u>	<u>0.11</u>	<u>0.11</u>
ORP (mV)	<u>117.9</u>	<u>122.8</u>	<u>133.4</u>	<u>135.9</u>	<u>132.3</u>	<u>137.9</u>

COMMENTS/OBSERVATIONS Began purging at 1025 Purging rate: 189 ml/min

Breathing Zone: NA ppm

Well Head: NA ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page 1 of 1

Date (mo/day/yr) <u>4/13/22</u>		Casing Diameter <u>2.0</u> inches	
Field Personnel <u>Justin Butler</u>		Casing Material <u>PVC</u>	
Site Name <u>Delavan Spray Technologies Site</u>		Measuring Point Elevation <u>147.65</u> 1/100 ft	
AECOM Job # <u>60656814</u>		Height of Riser (above land surface) <u>-0.21</u> 1/100 ft	
Sample ID* <u>MW-12D</u>		Land Surface Elevation <u>147.86</u> 1/100 ft	
Upgradient ☐ Downgradient ☐ Sidegradient ☐ Source ☐		Screened Interval <u>40</u> - <u>50</u> 1/100 ft	
Weather Conditions <u>Cloudy / overcast</u>		Dedicated Pump or Bailer YES ☒ NO ☐ Type <u>tubing</u>	
Air Temperature <u>63</u> ° F		Steel Guard Pipe Around Casing YES ☒ NO ☐	
Total Well Depth (TWD) = <u>50.00</u> 1/100 ft		Locking Cap YES ☒ NO ☐	
Depth to Ground Water (DGW) = <u>13.02</u> 1/100 ft		Protective Post/Abutment YES ☐ NO ☒	
Length of Water Column (LWC) = TWD - DGW = <u>36.98</u> 1/100 ft		Well Integrity Satisfactory YES ☒ NO ☐	
1 Casing Volume (OCV)* = LWC x <u>0.163</u> = <u>6.03</u> gal		Yield LOW ☐ MODERATE ☐ HIGH ☒	
3 Casing Volumes = <u>18.09</u> gal = Standard Evacuation Volume		Comments/Observations	
Method of Sample Evacuation <u>Purge with Peristaltic Pump</u>		Sample Time: <u>1000</u>	
Method of Sample Collection <u>Peristaltic Pump Reverse Flow for VOC'S</u>		Sample Analytes: <u>VOL'S</u>	
Total Volume of Water Removed <u>40</u> gal		Hack Fe Kit: <u>NA</u> mg/L	

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.
Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

VOLUME PURGED (gallons)	FIELD ANALYSES										
	Initial	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
TIME (Military)	0907	0912	0917	0922	0927	0932	0937	0942	0947	0952	0957
Water Level (ft BTOC)	14.29	14.49	14.68	14.69	14.69	14.69	14.69	14.69	14.69	14.69	14.69
pH (S.U.)	10.92	10.47	10.21	9.95	9.79	9.57	9.48	9.42	9.25	9.29	9.21
Sp. Cond. (mS/cm)	0.260	0.214	0.202	0.199	0.201	0.205	0.207	0.210	0.214	0.214	0.215
Water Temp. (°C)	18.1	18.2	18.2	18.3	18.4	18.4	18.4	18.5	18.5	18.5	18.5
Turbidity (NTUs)	1.31	1.01	0.76	0.49	0.22	0.91	1.01	1.17	1.42	1.57	1.61
DO - (mg/L)	4.93	4.82	4.85	4.72	4.65	4.49	5.41	5.41	5.43	5.45	5.42
Salinity (ppt)	0.12	0.10	0.10	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10
ORP (mV)	49.0	46.9	49.9	54.8	59.5	65.5	69.4	73.0	77.6	78.9	80.7

COMMENTS/OBSERVATIONS	Began purging at <u>0900</u> Purging rate: <u>302</u> ml/min	Breathing Zone: <u>NA</u> ppm
	Ph and Conductivity are high stabilize after 5 gals	Well Head: <u>NA</u> ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page 1 of 1

Date (mo/day/yr)	4/13/22		
Field Personnel	Justin Butler		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-13D		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions <u>cloudy / overcast</u>			
Air Temperature	62	° F	
Total Well Depth (TWD) =	50.00	1/100 ft	
Depth to Ground Water (DGW) =	12.03	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =	37.97	1/100 ft	
1 Casing Volume (OCV)* = LWC x 0.163 =	6.19	gal	
3 Casing Volumes =	18.57	gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	1.50 gal		

Casing Diameter	2.0	inches
Casing Material	PVC	
Measuring Point Elevation	146.23	1/100 ft
Height of Riser (above land surface)	-0.18	1/100 ft
Land Surface Elevation	146.41	1/100 ft
Screened Interval	40 - 50	1/100 ft
Dedicated Pump or Bailer	YES ☒ NO ☒	Type <u>tubing</u>
Steel Guard Pipe Around Casing	YES ☒ NO ☐	
Locking Cap	YES ☒ NO ☐	
Protective Post/Abutment	YES ☐ NO ☒	
Well Integrity Satisfactory	YES ☒ NO ☐	
Yield	LOW ☐ MODERATE ☐ HIGH ☒	
Comments/Observations		
Sample Time: <u>0850</u>		
Sample Analytes: <u>VOC'S</u>		
Hack Fe Kit: <u>NA</u> mg/L		

* - One casing volume (gallons) for a 0.5 inch well is 0.0102X LWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES						
	Initial	0.25	0.50	0.75	1.00	1.25	1.50
VOLUME PURGED (gallons)							
TIME (Military)	0819	0824	0829	0834	0839	0844	0849
Water Level (ft BTOC)	12.09	12.09	12.09	12.09	12.09	12.09	12.09
pH (S.U.)	7.92	7.89	7.89	7.90	7.88	7.89	7.90
Sp. Cond. (mS/cm)	0.252	0.235	0.234	0.234	0.234	0.234	0.234
Water Temp. (°C)	18.5	18.7	18.7	18.8	18.8	18.9	18.9
Turbidity (NTUs)	0.98	0.46	0.16	0.15	0.12	0.08	0.11
DO - (mg/L)	4.22	3.72	3.72	3.59	3.65	3.59	3.55
Salinity (ppt)	6.11	0.11	0.11	0.11	0.11	0.11	0.11
ORP (mV)	206.1	189.7	186.1	178.7	175.7	172.1	170.0

COMMENTS/OBSERVATIONS

Began purging at 0815 Purging rate: 189 ml/min

Breathing Zone: NA ppm

Well Head: NA ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page 1 of 1

* Dup *

Date (mo/day/yr) <u>4-13-22</u>		Casing Diameter <u>2.0</u> inches
Field Personnel <u>M. Rockwell</u>		Casing Material <u>PVC</u>
Site Name <u>Delavan Spray Technologies Site</u>		Measuring Point Elevation <u>146.88</u> 1/100 ft
AECOM Job # <u>60656814</u>		Height of Riser (above land surface) <u>-0.23</u> 1/100 ft
Sample ID* <u>MW-14D</u>		Land Surface Elevation <u>147.11</u> 1/100 ft
Upgradient ☐ Downgradient ☐ Sidegradient ☐ Source ☐		Screened Interval <u>40</u> - <u>50</u> 1/100 ft
Weather Conditions <u>Clear Sunny</u>		Dedicated Pump or Bailer YES ☒ NO ☐ Type <u>tubing</u>
Air Temperature <u>75°</u> ° F		Steel Guard Pipe Around Casing YES ☐ NO ☒
Total Well Depth (TWD) = <u>50.00</u> 1/100 ft		Locking Cap YES ☒ NO ☐
Depth to Ground Water (DGW) = <u>12-75</u> 1/100 ft		Protective Post/Abutment YES ☐ NO ☒
Length of Water Column (LWC) = TWD - DGW = <u> </u> 1/100 ft		Well Integrity Satisfactory YES ☒ NO ☐
1 Casing Volume (OCV)* = LWC x <u>0.163</u> = <u> </u> gal		Yield LOW ☐ MODERATE ☐ HIGH ☒
3 Casing Volumes = <u> </u> gal = Standard Evacuation Volume		Comments/Observations <u>1350</u>
Method of Sample Evacuation <u>Purge with Peristaltic Pump</u>		Sample Time: <u>1350</u>
Method of Sample Collection <u>Peristaltic Pump Reverse Flow for VOC'S</u>		Sample Analytes: <u>VOC's</u> <u>* Dup *</u>
Total Volume of Water Removed <u> </u> gal		Hack Fe Kit: <u> </u> mg/L

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES						
	Initial	0.15	0.45	0.70	0.90	1.15	1.45
VOLUME PURGED (gallons)	1315	1320	1325	1330	1335	1340	1345
TIME (Military)	12.75	12.75	12.75	12.75	12.75	12.75	12.75
Water Level (ft BTOC)	7.75	7.69	7.63	7.66	7.67	7.65	7.65
pH (S.U.)	0.251	0.257	0.257	0.256	0.256	0.257	0.256
Sp. Cond. (mS/cm)	23.4	23.5	23.6	22.1	22.4	22.8	22.9
Water Temp. (°C)	12.97	45.75	18.76	10.45	4.10	1.82	0.76
Turbidity (NTUs)	3.43	1.29	0.66	0.42	0.45	0.40	0.39
DO - (mg/L)	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Salinity (ppt)	156.0	121.2	70.9	23.8	23.7	22.8	21.9
ORP (mV)							

COMMENTS/OBSERVATIONS Began purging at Purging rate: ml/min Breathing Zone: ppm
Well Head: ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page ____ of ____

Date (mo/day/yr)	9/14/22		
Field Personnel	Justin Butler		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-19		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions <u>Cloudy</u>			
Air Temperature	64	° F	
Total Well Depth (TWD) =	20.00	1/100 ft	
Depth to Ground Water (DGW) =	12.11	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =	7.89	1/100 ft	
1 Casing Volume (OCV)* = LWC x	0.041	=	0.32 gal
3 Casing Volumes =	0.96	gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	1.00 gal		

Casing Diameter	1	inches
Casing Material	PVC	
Measuring Point Elevation	148.22	1/100 ft
Height of Riser (above land surface)	-0.25	1/100 ft
Land Surface Elevation	148.47	1/100 ft
Screened Interval	5 - 20	1/100 ft
Dedicated Pump or Bailer	YES ☒ NO ☐	Type
Steel Guard Pipe Around Casing	YES ☒ NO ☐	
Locking Cap	YES ☒ NO ☐	
Protective Post/Abutment	YES ☒ NO ☒	
Well Integrity Satisfactory	YES ☒ NO ☐	
Yield	LOW ☒ MODERATE ☐ HIGH ☐	
Comments/Observations		
Sample Time: 0935		
Sample Analytes: VOC's		
Hack Fe Kit: NA mg/L		

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES									
VOLUME PURGED (gallons)	Initial	0.20	0.40	0.60	0.80	1.00				
TIME (Military)	0905	0910	0915	0920	0925	0930				
Water Level (ft BTOC)	12.58	12.66	12.73	12.77	12.80	12.82				
pH (S.U.)	4.42	4.36	4.35	4.34	4.35	4.34				
Sp. Cond. (mS/cm)	0.073	0.073	0.072	0.073	0.073	0.073				
Water Temp. (°C)	21.9	21.6	21.8	21.7	21.8	21.7				
Turbidity (NTUs)	4.61	2.69	1.76	1.51	1.20	0.00				
DO - (mg/L)	2.75	1.49	1.35	1.25	1.22	1.20				
Salinity (ppt)	0.03	0.03	0.03	0.03	0.03	0.03				
ORP (mV)	414.4	433.0	438.0	440.6	442.1	442.7				

COMMENTS/OBSERVATIONS

Began purging at 0902 Purging rate: 151 ml/min

Breathing Zone: NIT ppm

Well Head: NIT ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page ____ of ____

Date (mo/day/yr)	4/14/22		
Field Personnel	Justin Butler		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-20		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions cloudy			
Air Temperature	63 ° F		
Total Well Depth (TWD) =	15.00	1/100 ft	
Depth to Ground Water (DGW) =	11.85	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =	3.15	1/100 ft	
1 Casing Volume (OCV)* = LWC x 0.041 =	0.13	gal	
3 Casing Volumes =	0.39	gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	0.6 gal		

Casing Diameter	1	inches
Casing Material	PVC	
Measuring Point Elevation	148.19	1/100 ft
Height of Riser (above land surface)	-0.31	1/100 ft
Land Surface Elevation	148.5	1/100 ft
Screened Interval	5 - 15	1/100 ft
Dedicated Pump or Bailer	YES ☒ NO ☐	Type tubing
Steel Guard Pipe Around Casing	YES ☒ NO ☐	
Locking Cap	YES ☒ NO ☐	
Protective Post/Abutment	YES ☐ NO ☒	
Well Integrity Satisfactory	YES ☒ NO ☐	
Yield	LOW ☐ MODERATE ☐ HIGH ☒	
Comments/Observations		
Sample Time: 0855		
Sample Analytes: VOC'S		
Hack Fe Kit: NA mg/L		

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h$ (7.48), where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES						
	Initial	0.1	0.2	0.3	0.4	0.5	0.6
VOLUME PURGED (gallons)							
TIME (Military)	0822	0827	0832	0837	0842	0847	0852
Water Level (ft BTOC)	12.15	12.23	12.30	12.34	12.37	12.40	12.43
pH (S.U.)	5.08	5.03	5.01	4.97	4.96	4.95	4.92
Sp. Cond. (mS/cm)	0.046	0.043	0.038	0.031	0.030	0.029	0.029
Water Temp. (°C)	21.2	21.1	21.1	21.1	21.1	21.1	21.0
Turbidity (NTUs)	3.46	2.38	1.42	0.92	0.30	0.96	1.41
DO - (mg/L)	4.90	4.84	4.60	4.50	4.42	4.34	4.39
Salinity (ppt)	0.02	0.02	0.02	0.01	0.01	0.01	0.01
ORP (mV)	314.0	342.8	368.8	383.6	387.1	392.9	396.2

COMMENTS/OBSERVATIONS

Began purging at 0818 Purging rate: 75 ml/min

Breathing Zone: NA ppm

Well Head: NA ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

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Date (mo/day/yr)	4-14-22		
Field Personnel	Marian Rockwell		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-21		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions partly cloudy			
Air Temperature	75° ° F		
Total Well Depth (TWD) =	34.00	1/100 ft	
Depth to Ground Water (DGW) =	12.25	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =		1/100 ft	
1 Casing Volume (OCV)* = LWC x	0.163	=	gal
3 Casing Volumes =		gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	gal		

Casing Diameter	2.0	inches
Casing Material	PVC	
Measuring Point Elevation	147.97	1/100 ft
Height of Riser (above land surface)	-0.2	1/100 ft
Land Surface Elevation	148.17	1/100 ft
Screened Interval	19 - 34	1/100 ft
Dedicated Pump or Bailer	YES ☒ NO ☐	Type tubing
Steel Guard Pipe Around Casing	YES ☐ NO ☒	
Locking Cap	YES ☒ NO ☐	
Protective Post/Abutment	YES ☐ NO ☒	
Well Integrity Satisfactory	YES ☒ NO ☐	
Yield	LOW ☐ MODERATE ☒ HIGH ☐	
Comments/Observations		
Sample Time: 1200		
Sample Analytes: VOC'S		
Hack Pe Kit: mg/L		

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES										
VOLUME PURGED (gallons)	Initial	0.20	0.40	0.60	0.90	1.20					
TIME (Military)	1131	1136	1141	1146	1151	1156					
Water Level (ft BTOC)	12.98	13.64	14.04	14.05	14.00	14.02					
pH (S.U.)	6.33	5.05	5.10	5.05	5.04	5.04					
Sp. Cond. (mS/cm)	0.029	0.026	0.024	0.026	0.024	0.023					
Water Temp. (°C)	21.4	21.5	21.3	21.7	21.4	21.4					
Turbidity (NTUs)	17.35	7.46	9.98	2.40	2.92	2.43					
DO - (mg/L)	0.96	0.86	0.44	0.32	0.33	0.32					
Salinity (ppt)	0.01	0.01	0.01	0.01	0.01	0.01					
ORP (mV)	202.5	228.2	229.2	231.9	232.3	232.5					

COMMENTS/OBSERVATIONS	Began purging at	Purging rate:	ml/min	Breathing Zone:	ppm
				Well Head:	ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page ____ of ____

Date (mo/day/yr)	4/13/22		
Field Personnel	Justin Butler		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-21D		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions: Partly Cloudy			
Air Temperature	75 ° F		
Total Well Depth (TWD) =	53.00	1/100 ft	
Depth to Ground Water (DGW) =	12.54	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =	40.46	1/100 ft	
1 Casing Volume (OCV)* = LWC x 0.163 =	6.59	gal	
3 Casing Volumes =	14.77	gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	1.25 gal		
Casing Diameter	2.0		inches
Casing Material	PVC		
Measuring Point Elevation	146.92		1/100 ft
Height of Riser (above land surface)	-0.31		1/100 ft
Land Surface Elevation	147.23		1/100 ft
Screened Interval	43 - 53		1/100 ft
Dedicated Pump or Bailer	YES ☒	NO ☐	Type: tubing
Steel Guard Pipe Around Casing	YES ☒	NO ☐	
Locking Cap	YES ☒	NO ☐	
Protective Post/Abutment	YES ☐	NO ☒	
Well Integrity Satisfactory	YES ☒	NO ☐	
Yield	LOW ☐	MODERATE ☐	HIGH ☒
Comments/Observations			
Sample Time: 1300			
Sample Analytes: VOC			
Hack Fe Kit: NA mg/L			

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES										
VOLUME PURGED (gallons)	Initial	0.25	0.50	0.75	1.00	1.25					
TIME (Military)	1232	1237	1242	1247	1252	1257					
Water Level (ft BTOC)	12.60	12.60	12.60	12.60	12.60	12.60					
pH (S.U.)	10.57	9.98	7.93	7.75	7.72	7.73					
Sp. Cond. (mS/cm)	0.231	0.255	0.227	0.230	0.231	0.231					
Water Temp. (°C)	21.0	20.8	20.9	20.9	20.8	20.8					
Turbidity (NTUs)	11.11	6.97	4.45	4.07	3.58	2.08					
DO - (mg/L)	3.93	3.55	0.46	0.37	0.34	0.37					
Salinity (ppt)	0.11	0.12	0.11	0.11	0.11	0.11					
ORP (mV)	154.7	133.0	-27.2	-68.9	-66.6	-60.6					

COMMENTS/OBSERVATIONS

Began purging at 1229 Purging rate: 181 ml/min

Breathing Zone: NA ppm

Well Head: NA ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

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Date (mo/day/yr)	4-13-2022		
Field Personnel	Manan Rockwell		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-22D		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions	clear sunny		
Air Temperature	70°	° F	
Total Well Depth (TWD) =	48.00	1/100 ft	
Depth to Ground Water (DGW) =	12.00	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =		1/100 ft	
1 Casing Volume (OCV)* = LWC x	0.163	= gal	
3 Casing Volumes =		gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	gal		
Casing Diameter	2.0	inches	
Casing Material	PVC		
Measuring Point Elevation	145.96	1/100 ft	
Height of Riser (above land surface)	-0.1	1/100 ft	
Land Surface Elevation	146.06	1/100 ft	
Screened Interval	38 - 48	1/100 ft	
Dedicated Pump or Bailor	YES ☒ NO ☒	Type tubing	
Steel Guard Pipe Around Casing	YES ☒ NO ☒		
Locking Cap	YES ☒ NO ☒		
Protective Post/Abutment	YES ☒ NO ☒		
Well Integrity Satisfactory	YES ☒ NO ☒		
Yield	LOW ☒ MODERATE ☒ HIGH ☒		
Comments/Observations	@ 1045		
Sample Time:	VOC's		
Sample Analytes:			
Hack Fe Kit:	mg/L		

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES					
VOLUME PURGED (gallons)	Initial	0.15	0.45	0.70	0.95	1.20
TIME (Military)	1016	1021	1026	1031	1036	1041
Water Level (ft BTOC)	12.00	12.00	12.00	12.00	12.00	12.00
pH (S.U.)	7.50	7.52	7.60	7.61	7.60	7.60
Sp. Cond. (mS/cm)	0.216	0.215	0.290	0.291	0.291	0.291
Water Temp. (°C)	21.5	21.4	21.3	21.3	21.4	21.4
Turbidity (NTUs)	6.67	2.57	0.58	1.51	1.79	0.64
DO - (mg/L)	4.88	4.72	3.18	3.06	2.94	2.90
Salinity (ppt)	0.13	0.13	0.14	0.14	0.14	0.14
ORP (mV)	185.5	184.5	165.3	160.2	158.0	157.9

COMMENTS/OBSERVATIONS	Began purging at	Purging rate:	ml/min	Breathing Zone:	ppm
				Well Head:	ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

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Dup

Date (mo/day/yr)	4/14/22		
Field Personnel	~~20~~ Marian Rockwell		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-24		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions	cloudy		
Air Temperature	70°	° F	
Total Well Depth (TWD) =	20.00	1/100 ft	
Depth to Ground Water (DGW) =	13.40	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =		1/100 ft	
1 Casing Volume (OCV)* = LWC x	0.163	= gal	
3 Casing Volumes =		gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed		gal	
Casing Diameter	2.0	inches	
Casing Material	PVC		
Measuring Point Elevation		1/100 ft	
Height of Riser (above land surface)		1/100 ft	
Land Surface Elevation		1/100 ft	
Screened Interval	10 - 20	1/100 ft	
Dedicated Pump or Bailer	YES ☒ NO ☐	Type tubing	
Steel Guard Pipe Around Casing	YES ☐ NO ☒		
Locking Cap	YES ☒ NO ☐		
Protective Post/Abutment	YES ☐ NO ☒		
Well Integrity Satisfactory	YES ☒ NO ☐		
Yield	LOW ☐ MODERATE ☐ HIGH ☒		
Comments/Observations	Sample Time: @ 0855 Sample Analytes: VOCs Heck-Fe Kit: mg/L <u>*Dup*</u>		

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h$ (7.48), where r is the radius (ft) and h is the height (ft).

FIELD ANALYSES

VOLUME PURGED (gallons)

TIME (Military)

Water Level (ft BTOC)

pH (S.U.)

Sp. Cond. (mS/cm)

Water Temp. (°C)

Turbidity (NTUs)

DO - (mg/L)

Salinity (ppt)

ORP (mV)

Initial	0.20	0.45	0.70	1.05	1.30	1.80				
0823	0828	0833	0838	0843	0848	0853				
13.53	13.53	13.53	13.53	13.53	13.55	13.55				
8.73	4.91	4.83	4.87	4.86	4.87	4.87				
0.087	0.058	0.041	0.037	0.031	0.035	0.036				
18.3	18.4	18.5	18.8	18.8	18.9	19.00				
22.77	21.83	12.92	8.87	7.74	5.26	4.37				
5.51	5.20	7.24	5.29	5.47	5.49	5.44				
0.03	0.03	0.02	0.02	0.01	0.01	0.01				
257.6	319.4	340.7	354.5	361.0	365.5	366.0				

COMMENTS/OBSERVATIONS

Began purging at

Purging rate:

ml/min

Breathing Zone:

ppm

Well Head:

ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

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Date (mo/day/yr)	4-13-2022		
Field Personnel	Manah Rexkwell		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-25D		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions partly cloudy			
Air Temperature	75° ° F		
Total Well Depth (TWD) =	50.00	1/100 ft	
Depth to Ground Water (DGW) =	5.40	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =		1/100 ft	
1 Casing Volume (OCV)* = LWC x	0.163	=	gal
3 Casing Volumes =		gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	gal		
Casing Diameter	2.0		inches
Casing Material	PVC		
Measuring Point Elevation			1/100 ft
Height of Riser (above land surface)			1/100 ft
Land Surface Elevation			1/100 ft
Screened Interval	40 - 50		1/100 ft
Dedicated Pump or Bailer	YES ☒	NO ☐	Type tubing
Steel Guard Pipe Around Casing	YES ☐	NO ☒	
Locking Cap	YES ☒	NO ☐	
Protective Post/Abutment	YES ☐	NO ☒	
Well Integrity Satisfactory	YES ☒	NO ☐	
Yield	LOW ☐	MODERATE ☐	HIGH ☒
Comments/Observations			
Sample Time: 2:11:20			
Sample Analytes: VOCs			
~~Hack Fe Kit. mg/L~~			

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h$ (7.48), where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES										
	Initial	0.20	0.40	0.65	0.90						
VOLUME PURGED (gallons)	1055	1100	1105	1110	1115						
TIME (Military)	5.44	5.45	5.45	5.45	5.44						
Water Level (ft BTOC)	7.28	7.60	7.63	7.62	7.61						
pH (S.U.)	0.293	0.292	0.294	0.294	0.294						
Sp. Cond. (mS/cm)	20.1	20.7	20.6	20.7	20.9						
Water Temp. (°C)	3.50	1.89	0.61	0.73	2.16						
Turbidity (NTUs)	3.64	3.00	2.75	2.69	2.66						
DO - (mg/L)	0.14	0.14	0.14	0.14	0.14						
Salinity (ppt)	110.8	118.0	128.6	130.6	131.2						
ORP (mV)											

COMMENTS/OBSERVATIONS	Began purging at	Purging rate:	ml/min	Breathing Zone:	ppm
				Well Head:	ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page 1 of 1

Date (mo/day/yr)	4-13-22								
Field Personnel	M. Rockwell								
Site Name	Delavan Spray Technologies Site								
AECOM Job #	60656814								
Sample ID*	MW-26D								
Upgradient	Downgradient	Sidegradient	Source						
Weather Conditions				clear - part cloudy					
Air Temperature				75°					
Total Well Depth (TWD) =				50.00	1/100 ft				
Depth to Ground Water (DGW) =				10.00	1/100 ft				
Length of Water Column (LWC) = TWD - DGW =					1/100 ft				
1 Casing Volume (OCV)* = LWC x				0.163	= gal				
3 Casing Volumes =					gal = Standard Evacuation Volume				
Method of Sample Evacuation				Purge with Peristaltic Pump					
Method of Sample Collection				Peristaltic Pump Reverse Flow for VOC'S					
Total Volume of Water Removed				gal					
Casing Diameter				2.0	inches				
Casing Material				PVC					
Measuring Point Elevation					1/100 ft				
Height of Riser (above land surface)					1/100 ft				
Land Surface Elevation					1/100 ft				
Screened Interval				40	- 50	1/100 ft			
Dedicated Pump or Bailor				YES	X	NO	Type	tubing	
Steel Guard Pipe Around Casing				YES		NO	X		
Locking Cap				YES	X	NO			
Protective Post/Abutment				YES		NO	X		
Well Integrity Satisfactory				YES	X	NO			
Yield				LOW		MODERATE		HIGH	X
Comments/Observations				Sample Time: 1245					
				Sample Analytes: VOCs					
				Hack Fe Kit: mg/L					

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h$ (7.48), where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES											
	Initial	0.20	0.45	0.75	1.05	1.20						
VOLUME PURGED (gallons)	1215	1220	1225	1230	1235	1240						
TIME (Military)	10.02	10.03	10.03	10.03	10.03	10.03						
Water Level (ft BTOC)	7.39	7.44	7.44	7.44	7.44	7.44						
pH (S.U.)	0.292	0.294	0.293	0.292	0.293	0.292						
Sp. Cond. (mS/cm)	22.5	21.9	22.0	21.8	21.7	21.6						
Water Temp. (°C)	0.00	0.00	0.00	0.00	0.00	0.00						
Turbidity (NTUs)	1.63	2.05	2.03	2.08	2.12	2.16						
DO - (mg/L)	0.14	0.14	0.14	0.14	0.14	0.14						
Salinity (ppt)	135.0	124.8	124.2	123.8	123.4	124.4						
ORP (mV)												

COMMENTS/OBSERVATIONS

Began purging at _____ Purging rate: _____ ml/min Breathing Zone: _____ ppm

Well Head: _____ ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page 1 of 1

00915
MS/MSD

Date (mo/day/yr) <u>4-13-2022</u>		Casing Diameter <u>2.0</u> inches
Field Personnel <u>M. Rockwell</u>		Casing Material <u>PVC</u>
Site Name <u>Delavan Spray Technologies Site</u>		Measuring Point Elevation _____ 1/100 ft
AECOM Job # <u>60656814</u>		Height of Riser (above land surface) _____ 1/100 ft
Sample ID* <u>MW-30D</u>		Land Surface Elevation _____ 1/100 ft
____ Upgradient ____ Downgradient ____ Sidegradient ____ Source		Screened Interval <u>50 - 60</u> 1/100 ft
Weather Conditions <u>sunny clear</u>		Dedicated Pump or Bailer YES <u>X</u> NO _____ Type <u>tubing</u>
Air Temperature <u>63°</u> ° F		Steel Guard Pipe Around Casing YES _____ NO <u>X</u>
Total Well Depth (TWD) = <u>60</u> 1/100 ft		Locking Cap YES <u>X</u> NO _____
Depth to Ground Water (DGW) = <u>(M) 4.96</u> 1/100 ft		Protective Post/Abutment YES _____ NO <u>X</u>
Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft		Well Integrity Satisfactory YES <u>X</u> NO _____
1 Casing Volume (OCV)* = LWC x <u>0.163</u> = _____ gal		Yield LOW _____ MODERATE <u>X</u> HIGH _____
3 Casing Volumes = _____ gal = Standard Evacuation Volume		Comments/Observations
Method of Sample Evacuation <u>Purge with Peristaltic Pump</u>		Sample Time: <u>0915</u>
Method of Sample Collection <u>Peristaltic Pump Reverse Flow for VOC's</u>		Sample Analytes: <u>VOC's</u> <u>MW-30D-MS</u>
Total Volume of Water Removed _____ gal		Hack Fe Kit: <u>mg/L</u> <u>MW-30D-MSD</u>

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

FIELD ANALYSES

VOLUME PURGED (gallons)

TIME (Military)

Water Level (ft BTOC)

pH (S.U.)

Sp. Cond. (mS/cm)

Water Temp. (°C)

Turbidity (NTUs)

DO - (mg/L)

Salinity (ppt)

ORP (mV)

Initial	0.10	0.25	0.40	0.70						
0850	0855	0900	0905	0910						
5.00	5.00	5.00	5.00	5.00						
7.93	7.59	7.60	7.61	7.60						
0.305	0.292	0.292	0.292	0.292						
18.9	18.8	18.9	19.0	19.1						
4.04	2.16	0.85	1.31	0.76						
4.97	3.70	3.57	3.18	3.26						
0.14	0.14	0.14	0.14	0.14						
145.9	154.1	154.7	156.7	156.8						

COMMENTS/OBSERVATIONS

Began purging at

Purging rate:

ml/min

Breathing Zone:

ppm

Well Head:

ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page 1 of 1

Date (mo/day/yr)	4/13/2022		
Field Personnel	M. Rockwell		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-31D		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions	Clear	Sunny	Partly cloudy
Air Temperature	70°	F	
Total Well Depth (TWD) =	60	1/100 ft	
Depth to Ground Water (DGW) =	8.86	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =		1/100 ft	
1 Casing Volume (OCV)* = LWC x	0.163	=	gal
3 Casing Volumes =		gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed		gal	

Casing Diameter	2.0	inches
Casing Material	PVC	
Measuring Point Elevation		1/100 ft
Height of Riser (above land surface)		1/100 ft
Land Surface Elevation		1/100 ft
Screened Interval	50 - 60	1/100 ft
Dedicated Pump or Bailer	YES ☒ NO ☐	Type tubing
Steel Guard Pipe Around Casing	YES ☒ NO ☐	
Locking Cap	YES ☒ NO ☐	
Protective Post/Abutment	YES ☐ NO ☒	
Well Integrity Satisfactory	YES ☒ NO ☐	
Yield	LOW ☐ MODERATE ☒ HIGH ☐	
Comments/Observations	Sample Time: 0955	
	Sample Analytes: VOCs	
	Hack Fe Kit: mg/l	

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.
Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

	Initial	0.15	0.30	0.45	0.70						
VOLUME PURGED (gallons)	0930	0935	0940	0945	0950						
TIME (Military)	8.90	8.90	8.90	8.90	8.90						
Water Level (ft BTOC)	7.58	7.69	7.71	7.71	7.71						
pH (S.U.)	0.278	0.277	0.277	0.277	0.277						
Sp. Cond. (mS/cm)	19.4	19.4	19.4	19.5	19.7						
Water Temp. (°C)	4.18	4.46	2.09	3.16	2.81						
Turbidity (NTUs)	4.66	4.30	4.12	4.05	4.08						
DO - (mg/L)	0.13	0.13	0.13	0.13	0.13						
Salinity (ppt)	169.3	165.0	162.7	162.8	162.4						
ORP (mV)											

COMMENTS/OBSERVATIONS	Began purging at	Purging rate:	ml/min	Breathing Zone:	ppm
				Well Head:	ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

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MW-32DR-a
Dup

Date (mo/day/yr) <u>4-13-2022</u>		Casing Diameter <u>2.0</u> inches
Field Personnel <u>M. Rockwell</u>		Casing Material <u>PVC</u>
Site Name <u>Delavan Spray Technologies Site</u>		Measuring Point Elevation _____ 1/100 ft
AECOM Job # <u>60656814</u>		Height of Riser (above land surface) _____ 1/100 ft
Sample ID* <u>MW-32DR</u>		Land Surface Elevation _____ 1/100 ft
____ Upgradient ____ Downgradient ____ Sidegradient ____ Source		Screened Interval <u>50 - 60</u> 1/100 ft
Weather Conditions <u>clear sunny</u>		Dedicated Pump or Bailer YES <u>X</u> NO ____ Type <u>tubing</u>
Air Temperature <u>75</u> ° F		Steel Guard Pipe Around Casing YES ____ NO <u>X</u>
Total Well Depth (TWD) = <u>60</u> 1/100 ft		Locking Cap YES <u>X</u> NO ____
Depth to Ground Water (DGW) = <u>6.66</u> 1/100 ft		Protective Post/Abutment YES ____ NO <u>X</u>
Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft		Well Integrity Satisfactory YES <u>X</u> NO ____
1 Casing Volume (OCV)* = LWC x <u>0.163</u> = _____ gal		Yield LOW ____ MODERATE <u>X</u> HIGH ____
3 Casing Volumes = _____ gal = Standard Evacuation Volume		Comments/Observations
Method of Sample Evacuation <u>Purge with Peristaltic Pump</u>		Sample Time: <u>1200</u>
Method of Sample Collection <u>Peristaltic Pump Reverse Flow for VOC'S</u>		Sample Analytes: <u>VOCs</u> <u>*Dup*</u>
Total Volume of Water Removed _____ gal		Back Fe Kit: <u>mg/L</u>

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

FIELD ANALYSES

VOLUME PURGED (gallons)

TIME (Military)

Water Level (ft BTOC)

pH (S.U.)

Sp. Cond. (mS/cm)

Water Temp. (°C)

Turbidity (NTUs)

DO - (mg/L)

Salinity (ppt)

ORP (mV)

Initial	0.20	0.40	0.60	1.0						
1135	1140	1145	1150	1155						
6.70	6.70	6.70	6.70	6.70						
7.32	7.32	7.34	7.34	7.34						
0.207	0.207	0.258	0.258	0.258						
20.5	20.8	20.8	20.3	20.4						
3.03	3.18	0.12	3.20	0.01						
5.49	4.28	0.74	0.69	0.70						
0.10	0.10	0.12	0.13	0.14						
196.8	187.6	150.6	144.7	146.6						

COMMENTS/OBSERVATIONS

Began purging at

Purging rate:

ml/min

Breathing Zone:

ppm

Well Head:

ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page 1 of 1

Date (mo/day/yr)	4-14-2022				
Field Personnel	M. Rockwell				
Site Name	Delavan Spray Technologies Site				
AECOM Job #	60656814				
Sample ID*	MW-33D				
Upgradient	Downgradient	Sidegradient	Source		
Weather Conditions	partly cloudy				
Air Temperature	° F				
Total Well Depth (TWD) =	74.39	1/100 ft			
Depth to Ground Water (DGW) =	12.95	1/100 ft			
Length of Water Column (LWC) = TWD - DGW =		1/100 ft			
1 Casing Volume (OCV)* = LWC x	0.163	=	gal		
3 Casing Volumes =		gal = Standard Evacuation Volume			
Method of Sample Evacuation	Purge with Peristaltic Pump				
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S				
Total Volume of Water Removed	gal				
Casing Diameter	2.0	inches			
Casing Material	PVC				
Measuring Point Elevation	1/100 ft				
Height of Riser (above land surface)	1/100 ft				
Land Surface Elevation	1/100 ft				
Screened Interval	64.09 - 74.02 1/100 ft				
Dedicated Pump or Bailer	YES	X	NO	Type	tubing
Steel Guard Pipe Around Casing	YES	X	NO		
Locking Cap	YES	X	NO		
Protective Post/Abutment	YES		NO	X	
Well Integrity Satisfactory	YES	X	NO		
Yield	LOW		MODERATE	X	HIGH
Comments/Observations	Sample Time: @ 1120				
	Sample Analytes: VOCs				
Check Fe Kit:	mg/L				

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h$ (7.48), where r is the radius (ft) and h is the height (ft).

FIELD ANALYSES

VOLUME PURGED (gallons)

TIME (Military)

Water Level (ft BTOC)

pH (S.U.)

Sp. Cond. (mS/cm)

Water Temp. (°C)

Turbidity (NTUs)

DO - (mg/L)

Salinity (ppt)

ORP (mV)

Initial	0.15	0.40	0.75	1.0	1.20	1.50	1.80			
1040	1045	1050	1055	1100	1105	1110	1115			
12.96	12.96	12.97	12.96	12.96	12.96	12.96	12.95			
7.98	7.95	7.92	7.92	7.93	8.01	8.00	8.01			
0.252	0.250	0.249	0.249	0.249	0.248	0.249	0.247			
20.2	20.1	19.7	19.7	19.6	19.9	19.8	19.9			
4.97	7.42	4.83	3.44	0.38	0.72	0.49	0.69			
5.36	4.99	4.70	4.40	3.87	3.53	3.49	3.45			
0.16	0.12	0.12	0.12	0.12	0.12	0.13	0.13			
184.4	182.5	168.3	163.5	154.1	147.2	146.9	146.1			

COMMENTS/OBSERVATIONS

Began purging at

Purging rate:

ml/min

Breathing Zone:

ppm

Well Head:

ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page 1 of 1

Date (mo/day/yr)	4-14-2022	Casing Diameter	2.0	inches
Field Personnel	M. Ruckelshaus	Casing Material	PVC	
Site Name	Delavan Spray Technologies Site	Measuring Point Elevation		1/100 ft
AECOM Job #	60656814	Height of Riser (above land surface)		1/100 ft
Sample ID*	MW-34D	Land Surface Elevation		1/100 ft
Upgradient Downgradient Sidegradient Source		Screened Interval	69.44 - 79.40	1/100 ft
Weather Conditions	partly cloudy	Dedicated Pump or Bailer	YES ☒ NO ☐	Type tubing
Air Temperature	70°	Steel Guard Pipe Around Casing	YES ☒ NO ☐	
Total Well Depth (TWD) =	79.78 85.2' to	Locking Cap	YES ☒ NO ☐	
Depth to Ground Water (DGW) =	13.78	Protective Post/Abutment	YES ☐ NO ☒	
Length of Water Column (LWC) = TWD - DGW =		Well Integrity Satisfactory	YES ☒ NO ☐	
1 Casing Volume (OCV)* = LWC x	0.163	Yield	LOW ☐ MODERATE ☒ HIGH ☐	
3 Casing Volumes =		Comments/Observations		
Method of Sample Evacuation	Purge with Peristaltic Pump	Sample Time:	@0940	
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S	Sample Analytes:	VOC's	
Total Volume of Water Removed		Hack Fe Kit:		

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

FIELD ANALYSES

VOLUME PURGED (gallons)

TIME (Military)

Water Level (ft BTOC)

pH (S.U.)

Sp. Cond. (mS/cm)

Water Temp. (°C)

Turbidity (NTUs)

DO - (mg/L)

Salinity (ppt)

ORP (mV)

Initial	0.25	0.35	0.70	1.0	1.40					
0910	0915	0920	0925	0930	0935					
13.81	13.81	13.82	13.80	13.80	13.80					
10.40	11.20	10.35	10.41	10.43	10.42					
0.287	0.312	0.346	0.420	0.427	0.425					
18.6	18.8	18.7	18.9	19.1	19.0					
10.79	13.38	5.91	4.19	3.39	2.81					
2.94	2.67	2.52	2.43	2.33	2.40					
0.15	0.15	0.18	0.20	0.21	0.21					
138.0	100.5	83.0	53.1	49.7	48.1					

COMMENTS/OBSERVATIONS

Began purging at

Purging rate:

ml/min

Breathing Zone:

ppm

Well Head:

ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page 1 of 1

Date (mo/day/yr)	4-14-2022			
Field Personnel	Marion Rockwell			
Site Name	Delavan Spray Technologies Site			
AECOM Job #	60656814			
Sample ID*	MW-35D			
Upgradient	Downgradient	Sidegradient	Source	
Weather Conditions				partly cloudy
Air Temperature				70° ° F
Total Well Depth (TWD) =				74.56 1/100 ft
Depth to Ground Water (DGW) =				11.86 1/100 ft
Length of Water Column (LWC) = TWD - DGW =				1/100 ft
1 Casing Volume (OCV)* = LWC x				0.163 = gal
3 Casing Volumes =				gal = Standard Evacuation Volume
Method of Sample Evacuation				Purge with Peristaltic Pump
Method of Sample Collection				Peristaltic Pump Reverse Flow for VOC'S
Total Volume of Water Removed				gal
Casing Diameter				2.0 inches
Casing Material				PVC
Measuring Point Elevation				1/100 ft
Height of Riser (above land surface)				1/100 ft
Land Surface Elevation				1/100 ft
Screened Interval				64.25 - 74.18 1/100 ft
Dedicated Pump or Bailer				YES ☒ NO ☐ Type tubing
Steel Guard Pipe Around Casing				YES ☒ NO ☐
Locking Cap				YES ☒ NO ☐
Protective Post/Abutment				YES ☐ NO ☒
Well Integrity Satisfactory				YES ☒ NO ☐
Yield				LOW ☐ MODERATE ☒ HIGH ☐
Comments/Observations				
Sample Time:				@ 1025
Sample Analytes:				VOCs
Hack Fe Kit:				mg/L

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h$ (7.48), where r is the radius (ft) and h is the height (ft).

FIELD ANALYSES

VOLUME PURGED (gallons)

TIME (Military)

Water Level (ft BTOC)

pH (S.U.)

Sp. Cond. (mS/cm)

Water Temp. (°C)

Turbidity (NTUs)

DO - (mg/L)

Salinity (ppt)

ORP (mV)

Initial	0.25	0.50	0.75	1.0	1.25						
0955	1000	1005	1010	1015	1020						
11.90	11.90	11.90	11.90	11.90	11.90						
8.72	8.32	8.03	7.93	7.91	7.91						
0.265	0.265	0.265	0.264	0.265	0.264						
19.0°	18.9°	19.1°	18.9°	19.3°	19.5°						
8.18	6.33	3.02	3.91	3.41	3.16						
5.61	5.10	4.99	5.04	5.00	5.00						
0.13	0.13	0.13	0.13	0.12	0.12						
152.2	146.5	176.8	179.9	180.7	180.9						

COMMENTS/OBSERVATIONS

Began purging at

Purging rate:

ml/min

Breathing Zone:

ppm

Well Head:

ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page 1 of 1

Date (mo/day/yr)	4-13-22		
Field Personnel	M. Rockwell		
Site Name	Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-36D		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions cloudy			
Air Temperature	78° ° F		
Total Well Depth (TWD) =	64.29	1/100 ft	
Depth to Ground Water (DGW) =	2.35	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =		1/100 ft	
1 Casing Volume (OCV)* = LWC x	0.163	=	gal
3 Casing Volumes =		gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed		gal	
Casing Diameter	2.0		inches
Casing Material	PVC		
Measuring Point Elevation		1/100 ft	
Height of Riser (above land surface)		1/100 ft	
Land Surface Elevation		1/100 ft	
Screened Interval	53.99 - 63.92		1/100 ft
Dedicated Pump or Bailer	YES	X	NO
Steel Guard Pipe Around Casing	YES	X	NO
Locking Cap	YES	X	NO
Protective Post/Abutment	YES		NO
Well Integrity Satisfactory	YES	X	NO
Yield	LOW		MODERATE X HIGH
Comments/Observations @ 1450			
Sample Time: @ 1450			
Sample Analytes: VOC'S			
Hack Fe Kit: mg/L			

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

	FIELD ANALYSES											
	Initial	0.20	0.40	0.60	0.90	1.20						
VOLUME PURGED (gallons)	1420	1425	1430	1435	1440	1445						
TIME (Military)	7.40	2.40	2.40	2.40	2.40	2.40						
Water Level (ft BTOC)	7.49	7.53	7.51	7.48	7.47	7.47						
pH (S.U.)	0.308	0.308	0.308	0.310	0.311	0.310						
Sp. Cond. (mS/cm)	19.3	19.1	19.0	19.2	19.4	19.6						
Water Temp. (°C)	1.69	0.38	1.42	0.68	0.62	0.14						
Turbidity (NTUs)	1.05	0.41	0.43	0.34	0.36	0.35						
DO - (mg/L)	0.15	0.15	0.15	0.15	0.15	0.15						
Salinity (ppt)	-75.8	-149.1	-147.2	-145.0	-147.6	-147.5						
ORP (mV)												

COMMENTS/OBSERVATIONS	Began purging at	Purging rate:	ml/min	Breathing Zone:	ppm
				Well Head:	ppm



FIELD DATA LOG FOR GROUNDWATER SAMPLING

Page ____ of ____

Date (mo/day/yr)	4/14/22		
Field Personnel	Justin Butter		
Site Name	UTC Delavan Spray Technologies Site		
AECOM Job #	60656814		
Sample ID*	MW-37		
Upgradient	Downgradient	Sidegradient	Source
Weather Conditions	cloudy		
Air Temperature	65	* F	
Total Well Depth (TWD) =	21.8	1/100 ft	
Depth to Ground Water (DGW) =	11.91	1/100 ft	
Length of Water Column (LWC) = TWD - DGW =	9.89	1/100 ft	
1 Casing Volume (OCV)* = LWC x 0.041 =	0.41	gal	
3 Casing Volumes =	1.23	gal = Standard Evacuation Volume	
Method of Sample Evacuation	Purge with Peristaltic Pump		
Method of Sample Collection	Peristaltic Pump Reverse Flow for VOC'S		
Total Volume of Water Removed	1.20	gal	

Casing Diameter	1.0	inches
Casing Material	PVC	
Measuring Point Elevation		1/100 ft
Height of Riser (above land surface)		1/100 ft
Land Surface Elevation		1/100 ft
Screened Interval		1/100 ft
Dedicated Pump or Bailer	YES ☒ NO ☐	Type tubing
Steel Guard Pipe Around Casing	YES ☒ NO ☐	
Locking Cap	YES ☒ NO ☐	
Protective Post/Abutment	YES ☐ NO ☒	
Well Integrity Satisfactory	YES ☒ NO ☐	
Yield	LOW ☒ MODERATE ☐ HIGH ☐	
Comments/Observations		
Sample Time:	1030	
Sample Analytes:	VOC'S	

* - One casing volume (gallons) for a 0.5 inch well is 0.0102XLWC; for a 2 inch well is 0.163 X LWC; for a 4 inch well is 0.652 X LWC and for a 6 inch well is 1.468 X LWC.

Volume (in gallons) = $\pi r^2 h (7.48)$, where r is the radius (ft) and h is the height (ft).

FIELD ANALYSES

VOLUME PURGED (gallons)

TIME (Military)

Water Level (ft BTOW)

pH (S.U.)

Sp. Cond. (mS/cm)

Water Temp. (°C)

Turbidity (NTUs)

DO - (mg/L)

Salinity (ppt)

ORP (mV)

Initial	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20		
0947	0952	0957	1002	1007	1012	1017	1022	1027		
13.07	14.23	15.39	16.52	17.85	18.75	19.38	19.68	20.00		
4.46	4.55	4.49	4.42	4.46	4.45	4.44	4.46	4.47		
0.065	0.062	0.059	0.065	0.064	0.065	0.065	0.066	0.066		
21.0	21.0	20.9	20.9	20.9	20.9	21.0	21.1	21.1		
4.03	3.17	2.04	2.68	3.21	4.91	6.06	6.76	7.30		
3.15	5.93	4.45	2.49	3.11	2.71	2.55	2.44	2.51		
0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
424.3	425.1	438.1	436.4	443.0	444.3	443.4	442.7	440.8		

COMMENTS/OBSERVATIONS

NEEDS 3/4 SOCKET TO OPEN

FIELD DATA LOG FOR SURFACE WATER/SEDIMENT SAMPLING

Page 1 of 1

Date (yr/mo/day) 4-12-2022
 Field Personnel J. Butler, Randy Morgan / Mariah Rockwell
 Site Name Delavan Spray Technologies
 Earth Tech Job No. 60686814
 Sample Station ID SW-01-LC
 Surface Water X Sediment _____
 Weather Conditions clear
 Air Temperature (°C) 75°

Surface Water		Sediment	
Bailer	_____	Stainless-Steel Scoop	_____
Bottle	<u>X</u>	Stainless-Steel Scoop	_____
Other (Specify)	_____	Other (Specify)	_____

	Sample Container		Sediment
	Surface Water	Preservative (Y/N, Type)	
VOCs	<u>X</u>	<u>N</u>	_____
SVOCs	_____	_____	_____
Pest/PCBs	_____	_____	_____
Metals	_____	_____	_____
TPH	_____	_____	_____
Other (cyanide)	_____	_____	_____

(PPT) - Parts Per Thousand
 (NTU) - Nephelometric Turbidity Units
 (MV) - Millivolts
 (umhos/cm) - Micro mhos Per Centimeter

Field Analysis

	Surface Water	Sediment
Time (Military)	<u>1530</u>	_____
pH (S.U.)	<u>7.18</u>	_____
ORP (mV)	<u>100.1</u>	_____
Specific Conductivity (mS/cm)	<u>0.176</u>	_____
Water temperature (°C)	<u>21.2°</u>	_____
Dissolved Oxygen (mg/L)	<u>4.83</u>	_____
Turbidity (NTU)	<u>19.41</u>	_____
Salinity (PPT)	<u>-</u>	_____
Ferrous Iron	<u>-</u>	_____

*(1) Clear (2) Slight (3) Moderate (4) High

Comments/Observations:

sampled @ 1530

FIELD DATA LOG FOR SURFACE WATER/SEDIMENT SAMPLING

Page 1 of 1

Date (yr/mo/day) <u>4/12/2022</u>				Field Analysis			
Field Personnel <u>Butler</u> ~~Randy Morgan~~ / Mariah Rockwell							
Site Name <u>Delavan Spray Technologies</u>							
Earth Tech Job No. <u>60656814</u>							
Sample Station ID <u>SW-02-LC</u>							
Surface Water ☒ Sediment ☐							
Weather Conditions <u>clear sunny</u>							
Air Temperature (°C) <u>75°</u>							
Surface Water		Sediment		Surface Water		Sediment	
Bailer ☐		Stainless-Steel Scoop ☐		<u>1550</u>			
Bottle ☒		Stainless-Steel Scoop ☐		<u>6.72</u>			
Other (Specify) ☐		Other (Specify) ☐		<u>184.3</u>			
				<u>0.097</u>			
				<u>19.7°</u>			
				<u>4.84</u>			
				<u>26.93</u>			
				<u>-</u>			
				<u>-</u>			
				*(1) Clear (2) Slight (3) Moderate (4) High			
Sample Container Preservative (Y/N, Type)				Comments/Observations:			
VOCs	<u>X</u>	<u>N</u>		<u>Sampled @ 1550</u>			
SVOCs							
Pest/PCBs							
Metals							
TPH							
Other (cyanide)							
(PPT) - Parts Per Thousand (NTU) - Nephelometric Turbidity Units (MV) - Millivolts (umhos/cm) - Micro mhos Per Centimeter							

FIELD DATA LOG FOR SURFACE WATER/SEDIMENT SAMPLING

Page ____ of ____

Date (yr/mo/day) <u>4-12-2022</u>			
Field Personnel <u>Butler</u> ~~Randy Morgan~~ / Mariah Rockwell			
Site Name <u>Delavan Spray Technologies</u>			
Earth Tech Job No. <u>60656814</u>			
Sample Station ID <u>SW-03-HMB</u>			
Surface Water ☒ Sediment ☐			
Weather Conditions <u>clear + sunny</u>			
Air Temperature (°C) <u>75°</u>			

	Surface Water	Sediment
Bailer	☐	Stainless-Steel Scoop ☐
Bottle	☒	Stainless-Steel Scoop ☐
Other (Specify)	☐	Other (Specify) ☐

	Sample Container		Sediment
	Surface Water	Preservative (Y/N, Type)	
VOCs	☒	☒ N	☐
SVOCs	☐	☐	☐
Pest/PCBs	☐	☐	☐
Metals	☐	☐	☐
TPH	☐	☐	☐
Other (cyanide)	☐	☐	☐

(PPT) - Parts Per Thousand
 (NTU) - Nephelometric Turbidity Units
 (MV) - Millivolts
 (umhos/cm) - Micro mhos Per Centimeter

Field Analysis

	Surface Water	Sediment
Time (Military)	<u>1600</u>	☐
pH (S.U.)	<u>6.92</u>	☐
ORP (mV)	<u>88.7</u>	☐
Specific Conductivity (mS/cm)	<u>0.137</u>	☐
Water temperature (°C)	<u>20.8°</u>	☐
Dissolved Oxygen (mg/L)	<u>6.57</u>	☐
Turbidity (NTU)	<u>23.73</u>	☐
Salinity (PPT)	<u>-</u>	☐
Ferrous Iron	<u>-</u>	☐

*(1) Clear (2) Slight (3) Moderate (4) High

Comments/Observations:

sampled @ 1600

FIELD DATA LOG FOR SURFACE WATER/SEDIMENT SAMPLING

Page 1 of 1

Date (yr/mo/day) 4/12/2022

Field Personnel J. Butler ~~Randy Morgan~~ / Mariah Rockwell

Site Name Delavan Spray Technologies

Earth Tech Job No. 60656814

Sample Station ID SW-04-TLC

Surface Water ☒ Sediment ☐

Weather Conditions clear sunny

Air Temperature (°C) 72°

Surface Water		Sediment	
Bailer	☐	Stainless-Steel Scoop	☐
Bottle	☒	Stainless-Steel Scoop	☐
Other (Specify)	☐	Other (Specify)	☐

	Surface Water	Sample Container Preservative (Y/N, Type)	Sediment
VOCs	☒	☒	☐
SVOCs	☐	☐	☐
Pest/PCBs	☐	☐	☐
Metals	☐	☐	☐
TPH	☐	☐	☐
Other (cyanide)	☐	☐	☐

Field Analysis

	Surface Water	Sediment
Time (Military)	<u>1540</u>	☐
pH (S.U.)	<u>5.29</u>	☐
ORP (mV)	<u>181.3</u>	☐
Specific Conductivity (mS/cm)	<u>0.043</u>	☐
Water temperature (°C)	<u>22.9°</u>	☐
Dissolved Oxygen (mg/L)	<u>3.84</u>	☐
Turbidity (NTU)	<u>12.16</u>	☐
Salinity (PPT)	<u>-</u>	☐
Ferrous Iron	<u>-</u>	☐

*(1) Clear (2) Slight (3) Moderate (4) High

Comments/Observations:

sampled @ 1540

(PPT) - Parts Per Thousand
(NTU) - Nephelometric Turbidity Units
(MV) - Millivolts
(umhos/cm) - Micro mhos Per Centimeter

FIELD DATA LOG FOR SURFACE WATER/SEDIMENT SAMPLING

Page 1 of 1

Date (yr/mo/day) <u>4-12-2022</u>			
Field Personnel <u>Butler</u> ~~Randy Morgan~~ / Mariah Rockwell			
Site Name <u>Delavan Spray Technologies</u>			
Earth Tech Job No. <u>60656814</u>			
Sample Station ID _____		SW-05-LC	
Surface Water ☒		Sediment _____	
Weather Conditions <u>clear + sunny</u>			
Air Temperature (°C) <u>78°</u>			

Surface Water		Sediment	
Bailer _____	Stainless-Steel Scoop _____		
Bottle ☒	Stainless-Steel Scoop _____		
Other (Specify) _____	Other (Specify) _____		

	Sample Container		
	Surface Water	Preservative (Y/N, Type)	
VOCs	☒	N	
SVOCs			
Pest/PCBs			
Metals			
TPH			
Other (cyanide)			

(PPT) - Parts Per Thousand
 (NTU) - Nephelometric Turbidity Units
 (MV) - Millivolts
 (umhos/cm) - Micro mhos Per Centimeter

Field Analysis

	Surface Water	Sediment
Time (Military)	<u>1620</u>	
pH (S.U.)	<u>7.07</u>	
ORP (mV)	<u>3.4</u>	
Specific Conductivity (mS/cm)	<u>0.126</u>	
Water temperature (°C)	<u>20.3°</u>	
Dissolved Oxygen (mg/L)	<u>4.86</u>	
Turbidity (NTU)	<u>17.76</u>	
Salinity (PPT)	<u>-</u>	
Ferrous Iron	<u>-</u>	

*(1) Clear (2) Slight (3) Moderate (4) High

Comments/Observations:

Sampled @ 1620



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PAGE 1 OF 2

SGS - ORLANDO Quote #

SKIFF #

Client / Reporting Information				Project Information				Analytical Information												Matrix Codes	
Company Name: AECOM				Project Name: UTC Delavan				V8260P TCL												DW - Drinking Water	
Address: 10 Patwood Dr Bldg 6 Suite 500				Street																GW - Ground Water	
City: Greenville State: SC Zip: 29615				City: Bamberg State: SC																WW - Water	
Project Contact: Email:				Project #																SW - Surface Water	
Phone #:				Fax #																SO - Soil	
Sampler(s) Name(s) (Printed)				Client Purchase Order #																SL - Sludge	
Sampler 1: Rockwell (MR) Sampler 2: Butler (JB)																				OI - Oil	
																				LIQ - Other Liquid	
																				AIR - Air	
																				SOL - Other Solid	
SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZNA	DI WATER	MEOH	LAB USE ONLY					
	SW-01-LC	4-12-22	1530	MR/JB		3		/								X					
	SW-02-LC	4-12-22	1550	MR/JB		3		/								X					
	SW-03-HMB	4-12-22	1600	MR/JB		3		/								X					
	SW-04-TLC	4-12-22	1540	MR/JB		3		/								X					
	SW-05-LC	4-12-22	1620	MR/JB		3		/								X					
	MW-30D	4-13-22	0915	MR		3		/								X					
	MW-30D-MS		0915	MR		3		/								X					
	MW-30D-MSD		0915	MR		3		/								X					
	MW-13D		0850	JB		3		/								X					
	MW-12D		1000	JB		3		/								X					
	Trip Blank JB	Lab Provided				2		/								X					
	Trip Blank MR	Lab Provided				2		/								X					
Turnaround Time (Business days)				Data Deliverable Information				Comments / Remarks													
10 Day (Business)				Approved By: / Date:				☐ COMMERCIAL "A" (RESULTS ONLY) ☐ COMMERCIAL "B" (RESULTS PLUS QC) ☐ REDT1 (EPA LEVEL 3) ☐ FULLT1 (EPA LEVEL 4) ☐ EDD'S													
7 Day																					
5 Day																					
3 Day RUSH																					
2 Day RUSH																					
1 Day RUSH																					
Other																					
Rush T/A Data Available VIA Email or Lablink																					
Sample Custody must be documented below each time samples change possession, including courier delivery.																					
Relinquished by Sampler/Affiliation		Date Time:		Received By/Affiliation		Relinquished By/Affiliation		Date Time:		Received By/Affiliation											
1 [Signature]		4/13/22 1400		2		3		4		5		6		7		8					
Relinquished by/Affiliation		Date Time:		Received By/Affiliation		Relinquished By/Affiliation		Date Time:		Received By/Affiliation											
5				6		7															

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

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SGS - ORLANDO JOB # :

PAGE 2 OF 2

SGS - ORLANDO Quote #

SKIFF #

Client / Reporting Information			Project Information			Analytical Information												Matrix Codes
Company Name: <u>AECOM</u>			Project Name: <u>UTC Delavan</u>			<u>V8260 TCL</u>												DW - Drinking Water
Address: <u>10 Portwood Pl Bldg 6 Suite 500</u>			Street															GW - Ground Water
City: <u>Greenville</u> State: <u>SC</u> Zip: <u>29615</u>			City: <u>Bamberg</u> State: <u>SC</u>															WW - Water
Project Contact: _____ Email: _____			Project # <u>60656814</u>															SW - Surface Water
Phone #: _____			Fax # _____															SO - Soil
Sampler(s) Name(s) (Printed) <u>(MR)</u>			Client Purchase Order # _____															SL - Sludge
Sampler 1: <u>M. Rockwell</u> Sampler 2: <u>J. Butler (JB)</u>																		OI - Oil
																		LIQ - Other Liquid
																		AIR - Air
																		SOL - Other Solid
SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MEOH	LAB USE ONLY		
	<u>MW-22D</u>	<u>4.13.22</u>	<u>1045</u>	<u>MR</u>	<u>WG</u>	<u>3</u>												
	<u>MW-25D</u>		<u>1120</u>	<u>MR</u>	<u>WG</u>	<u>3</u>												
	<u>MW-10D</u>		<u>1100</u>	<u>JB</u>	<u>WG</u>	<u>3</u>												
	<u>MW-32DR</u>		<u>1200</u>	<u>MR</u>	<u>WG</u>	<u>3</u>												
	<u>MW-32DR-a</u>		<u>1200</u>	<u>MR</u>	<u>WG</u>	<u>3</u>												
	<u>MW-10</u>		<u>1135</u>	<u>JB</u>	<u>WG</u>	<u>3</u>												
	<u>MW-9</u>		<u>1215</u>	<u>JB</u>	<u>WG</u>	<u>3</u>												
	<u>MW-9-ms/MSD</u>		<u>1215</u>	<u>JB</u>	<u>WG</u>	<u>6</u>												
	<u>MW-26D</u>		<u>1245</u>	<u>MR</u>	<u>WG</u>	<u>3</u>												
	<u>MW-31D</u>		<u>0955</u>	<u>MR</u>	<u>WG</u>	<u>3</u>												
	<u>MW-21D</u>		<u>1300</u>	<u>JB</u>	<u>WG</u>	<u>3</u>												
Turnaround Time (Business days)			Data Deliverable Information			Comments / Remarks												
10 Day (Business) _____			Approved By: / Date: _____															
7 Day _____																		
5 Day _____																		
3 Day RUSH _____																		
2 Day RUSH _____																		
1 Day RUSH _____																		
Other _____																		
Rush T/A Data Available VIA Email or Lablink																		
Sample Custody must be documented below each time samples change possession, including courier delivery.																		
Relinquished by Sampler/Affiliation		Date Time:		Received By/Affiliation		Relinquished By/Affiliation		Date Time:		Received By/Affiliation								
1 <u>[Signature]</u>		<u>4/13/22 1400</u>		2		3		4		5								
Relinquished by/Affiliation		Date Time:		Received By/Affiliation		Relinquished By/Affiliation		Date Time:		Received By/Affiliation								
5		6		7		8		9		10								

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

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Service Center



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FA94916

Client / Reporting Information			Project Information			Analytical Information												Matrix Codes
Company Name: AECOM			Project Name: UTC Delaven			Y8260D TCL												DW - Drinking Water
Address: 10 Palwood Dr Bldg III Ste 500			Street															GW - Ground Water
City: Greenville State: SC Zip: 29615			City: Danberg State: SC															WW - Water
Project Contact:			Project # 60656814															SW - Surface Water
Phone #:			Fax #															SO - Soil
Sampler(s) Name(s) (Printed):			Client Purchase Order #															SL - Sludge
Sampler 1: Rockwell (MR) Sampler 2: Butler (JB)																		OI - Oil
SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZNA	DI WATER	MEOH	LAB USE ONLY		
1	MW-14D	4/13/22	1350	MR		3		X										
2	MW-14D-a	4/13/22	1350	MR		3		X										
3	MW-3	4/13/22	1355	JB		3		X										
4	MW-3D	4/13/22	1445	JB		3		X										
5	MW-36D	4/13/22	1450	MR		3		X										
6	MW-2	4/13/22	1605	JB		3		X										
7	MW-8	4/13/22	1615	MR		3		X										
8	MW-24	4/14/22	0855	MR		3		X										
9	MW-24-a	4/14/22	0855	MR		3		X										
10	MW-20	4/14/22	0855	JB		3		X										
11	MW-19	4/14/22	0935	JB		3		X										
12	MW-34D	4/14/22	0940	MR		3		X										
Turnaround Time (Business days)			Data Deliverable Information												Comments / Remarks			
10 Day (Business)			Approved By: / Date:			☐ COMMERCIAL "A" (RESULTS ONLY)												
7 Day						☐ COMMERCIAL "B" (RESULTS PLUS QC)												
5 Day						☐ REDT1 (EPA LEVEL 3)												
3 Day RUSH						☐ FULLT1 (EPA LEVEL 4)												
2 Day RUSH						☐ EDD'S												
1 Day RUSH																		
Other																		
Rush T/A Data Available VIA Email or Lablink																		
Sample Custody must be documented below each time samples change possession, including courier delivery.																		
Relinquished by Sampler/Affiliation		Date Time:		Received By/Affiliation		Relinquished By/Affiliation		Date Time:		Received By/Affiliation								
1 Maniah Rockwell		4/14/22		2 FedEx		3				4 Paul Martin		4/15/22 930						
Relinquished by/Affiliation		Date Time:		Received By/Affiliation		Relinquished By/Affiliation		Date Time:		Received By/Affiliation								
5				6		7				8								
Lab Use Only: Cooler Temperature (s) Celsius (corrected): 3.0																		

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SGS - ORLANDO JOB #:

PAGE 2 OF 2

Client / Reporting Information				Project Information				SGS - ORLANDO Quote #														SKIFF #	Matrix Codes									
Company Name: AECOM				Project Name: UTC Delavan				Analytical Information															DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid									
Address: 10 Palwood Dr Bldg VI Ste 500				Street																												
City: Greenville State: SC Zip: 29615				City: Bomberg State: SC																												
Project Contact: Email:				Project # 60656814																												
Phone #:				Fax #																												
Sampler(s) Name(s) (Printed) Sampler 1: Rockwell (MR) Sampler 2: Better (JB)				Client Purchase Order #																												
SGS Orlando Sample #		Field ID / Point of Collection		DATE		TIME		SAMPLED BY:		MATRIX		TOTAL # OF BOTTLES		OTHER		NONE		HCl		NaOH		HNO3		H2SO4		NaOH+ZnAc		DI WATER		MEOH		LAB USE ONLY
13		MW-35D		4/14/22		1025		MR		3		X																				
14		MW-37		4/14/22		1030		JB		3		X																				
15		MW-33D		4/14/22		1120		MR		3		X																				
16		MW-1		4/14/22		1155		JB		3		X																				
17		MW-21		4/14/22		1200		MR		3		X																				
18		IDW-01		4/14/22		1200				6		X																				
19		TRIP BLANK - MR								3		X																				
20		TRIP BLANK - JB								2		X																				
Turnaround Time (Business days)				Data Deliverable Information				Comments / Remarks																								
10 Day (Business)				Approved By: / Date:				☐ COMMERCIAL "A" (RESULTS ONLY) ☐ COMMERCIAL "B" (RESULTS PLUS QC) ☐ REDT1 (EPA LEVEL 3) ☐ FULLT1 (EPA LEVEL 4) ☐ EDD'S																								
7 Day																																
5 Day																																
3 Day RUSH																																
2 Day RUSH																																
1 Day RUSH																																
Other																																
Rush T/A Data Available VIA Email or Lablink																																
Sample Custody must be documented below each time samples change possession, including courier delivery.																																
Relinquished by Sampler/Affiliation				Date Time: 1520				Received By/Affiliation				Date Time: 4115/22				Relinquished By/Affiliation				Date Time:				Received By/Affiliation								
1 Mariah Rakel				4-14-22				2 Kim Muri				930				3				4												
Relinquished by/Affiliation				Date Time:				Received By/Affiliation				Date Time:				Relinquished By/Affiliation				Date Time:				Received By/Affiliation								
5								6								7				8												

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

<http://www.sgs.com/en/terms-and-conditions>

ORLD-SMT-0001-03-FORM-COC (4).xls Rev 031318

PREP
Raleigh, NC
Service Center

UTZ Delavan

(57)

4/12/2022

72°F

M. Rockwell

0700 leave Greenville.

0945 Arrive on site. Prep coolers + paper work while waiting for Justin.

1040 Justin arrives on site. H/s meeting.

1045 check in @ facility + get badges

1110 Begin opening wells to relieve pressure before gauging water levels

1315 Begin gauging water levels

1330 MW-21D covered w/car still.

1345 MW-15 well cluster has high water and not able to safely walk across creek - look for alternate

1520 Collected last water level

1530 Sampled SW-01-LC

1540 Sampled SW-04

1550 Sampled SW-02

1600 Sampled SW-03

1620 Sampled SW-05 (had to walk to location; gates @ both roads)

1630 Back on site - divide equipment

1645 put fresh ice on samples for overnight

1705 water level @ MW-21D

1715 Off site.

1800 Arrive @ Hotel

in Rhul 4/12/22

(58)

JTC Delavan

4/13/22

65°F

M. Rockwell

- 0645 Leave Hotel
 0720 Arrive on site.
 0740 Justin arrives. HHS meeting.
 0755 Manan get ice.
 0803 Gas station at office.
 0806 Justin needs C batteries
 for YSI meter.
 0820 Ice + batteries from Piggly
 Wiggly + Walgreens
 0830 Drop off @ Justin (130D)
 0840 Calibrate @ MW-30D
 0850 Begin purging MW-30D (ms/ms)
 0915 Sampled MW-30D + ms/ms
 0930 Begin purging @ MW-31D
 0955 Sampled MW-31D
 1006 Called Leslie to QC sample
 schedule (MW-22D)
 1015 Begin purging MW-22D
 1045 Sampled MW-22D
 1055 Begin purging MW-25D
 1120 Sampled MW-25D
 1135 Begin purging MW-32DR
 1200 Sampled MW-32DR + Dup (a)
 1215 Begin purging MW-26D
 1245 Sampled MW-26D

JTC Delavan

(59)

M. Rockwell

4/13/22

75°F

- 1246 Drive to Justin @ MW-21D to
 drop off samples + COC for pickup
 @ 1400-1500 by FedEx
 1250 Help pack coolers w/ice + samples
 1300 Dump purge water @ IDW storage
 1315 Start purging MW-14D
 1350 Sampled MW-14D + MW-14D-a
 1400 Truck got one tire stuck
 while backing up to MW-36D
 called Justin for help
 1420 Begin purging MW-36D
 1450 Sampled MW-36D
 1520 Waited for Justin to spot me
 leaving in case traffic can't
 see me - FedEx picked up samples
 1535 Setup @ MW-8
 * 1525 made 2nd attempt @
 reaching MW-15 well cluster -
 water is still too high + fast to walk
 1615 Sampled MW-8
 1620 Dump purge water @ IDW drum
 1640 Off site.
 1720 Arrive Hotel
- 12 miles

(60)

UTC Delaware

4/14/22 68°F

M. Rockwell

- 0700 Check out of Hotel.
 0735 Arrive on site. HHS meeting
 0750 Begin calibrating 451
 0805 check in @ facility
 0815 Justin will sample wells inside facility - Maniah does private wells (33D - 34D - 35D) + MW-24 + Dup
 0820 Maniah sets up @ MW-24
 0855 sampled MW-24 + MW-24-a
 0856 mob to MW-34D
 0910 Begin purging MW-34D
 0940 sampled MW-34D
 0945 mob to MW-35D
 0955 Begin purging MW-35D
 1025 sampled MW-35D
 1030 mob to MW-33D
 1040 Begin purging MW-33D
 1120 sampled MW-33D
 1125 mob to MW-21
 1130 Begin purging MW-21
 1200 sampled MW-21
 1220 Sampled IDW-01
 1230 Pack cooler + fill out COC
 1300 Left site to head towards Greenville.

UTC Delaware

(61)

4/14/22

75°

M. Rockwell

- 1500 Relinquished samples to FedEx
 1630 Arrived @ home. Upack + return truck tomorrow.

Rockwell
 4/14/2022

20 4/12/22 OTC Delaware

0730 Leave office

1030 Arrive onsite, check in

1045 Begin opening well vaults to allow time for stabilization & then collect water levels

- could not get to MW-15 cluster due to creek water and no egress. Car parked on MW-21D all day. will try to grab first thing in morning

1530 Begin surface water sample collection

1620 Complete SW collection

1640 Split equipment

1700 Leave site

~~Just 1/2~~

(20)

4/13/22 UTC Delavan

(21)

0730 Arrive on site, sign in

0745 Cal. brate YSI & turbidity meter
YSI - 5489

Turb - 200711199

0815 Begin purging MW-13D

0850 Sample H₂O MW-13D

0900 Begin purging MW-12D

1000 Sample H₂O MW-12D

1015 Empty purge water

~~1015~~ Begin purging MW-10D1100 Sample H₂O MW-10D

1100 Begin purging MW-10

1135 Sample H₂O MW-10

1138 Begin purging MW-09

1215 Sample H₂O MW-9, MS/MSD

1220 Empty purge water

1229 Begin purging MW-21D

1300 Sample H₂O MW-21D

1310 Pack cooler for FedEx pickup

1324 Begin purging MW-3

1355 Sample H₂O MW-3

1415 Begin purging MW-3D

1445 Sample H₂O MW-3D

1507 Relinquish samples to FedEx

1530 Begin purging MW-2

(22)

4/13/22 UTC Delaware

1605 Sample the MW-2

1615 Empty purge water

1630 Leave site

(23)

4/14/22 UTC Bamberg

0730 Arrive onsite, get checked in

0740 Calibrate YSI and turbidity meter
load equipment for indoor wells

0818 Begin purging MW-20

0855 Sample the MW-20

0902 Begin purging MW-19

0935 Sample the MW-19

0942 Begin purging MW-37

1030 Sample the MW-37

1040 dump purge water

1100 Begin purging MW-1

1155 Sample the MW-1

1200 IDW-01 Sample the

1245 load cooler & equipment

1300 Leave site

APPENDIX B

ANALYTICAL DATA

Laboratory Reports – SGS North America, Inc.

Data Assessment Reports

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Raytheon Technologies

AECOMSCG: Delavan Spray Technologies; Bamberg, SC

60656814/TASK 1A

SGS Job Number: FA94872

Sampling Dates: 04/12/22 - 04/13/22



Report to:

AECOM Environment
10 Patewood Dr Bldg VI, Suite 500
Greenville, SC 29615
leslee.alexander@aecom.com; doria.cullom@aecom.com

ATTN: Doria Cullom

Total number of pages in report: 76



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.



Norm Farmer
Technical Director

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), NC(573), NJ(FL002), NY(12022), SC(96038001)
DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177),
AL, AK, AR, CT, IA, KY, MA, MI, MS, ND, NH, NV, OK, OR, IL, UT, VT, WA, WI, WV
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Test results relate only to samples analyzed.

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Sample Summary

Raytheon Technologies

Job No: FA94872

AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Project No: 60656814/TASK 1A

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID

This report contains results reported as ND = Not detected. The following applies:

Organics ND = Not detected above the MDL

FA94872-1	04/12/22	15:30	MRJB	04/14/22	AQ	Surface Water	SW-01-LC
FA94872-2	04/12/22	15:50	MRJB	04/14/22	AQ	Surface Water	SW-02-LC
FA94872-3	04/12/22	16:00	MRJB	04/14/22	AQ	Surface Water	SW-03-HMB
FA94872-4	04/12/22	15:40	MRJB	04/14/22	AQ	Surface Water	SW-04-TLC
FA94872-5	04/12/22	16:20	MRJB	04/14/22	AQ	Surface Water	SW-05-LC
FA94872-6	04/13/22	09:15	MRJB	04/14/22	AQ	Ground Water	MW-30D
FA94872-6D	04/13/22	09:15	MRJB	04/14/22	AQ	Water Dup/MSD	MW-30D
FA94872-6S	04/13/22	09:15	MRJB	04/14/22	AQ	Water Matrix Spike	MW-30D
FA94872-7	04/13/22	08:50	MRJB	04/14/22	AQ	Ground Water	MW-13D
FA94872-8	04/13/22	10:00	MRJB	04/14/22	AQ	Ground Water	MW-12D
FA94872-9	04/12/22	00:00	MRJB	04/14/22	AQ	Trip Blank Water	TRIP BLANK JB
FA94872-10	04/12/22	00:00	MRJB	04/14/22	AQ	Trip Blank Water	TRIP BLANK MR



Sample Summary
(continued)

Raytheon Technologies

Job No: FA94872

AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Project No: 60656814/TASK 1A

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA94872-11	04/13/22	10:45	MRJB	04/14/22	AQ	Ground Water	MW-22D
FA94872-12	04/13/22	11:20	MRJB	04/14/22	AQ	Ground Water	MW-25D
FA94872-13	04/13/22	11:00	MRJB	04/14/22	AQ	Ground Water	MW-10D
FA94872-14	04/13/22	12:00	MRJB	04/14/22	AQ	Ground Water	MW-32DR
FA94872-15	04/13/22	12:00	MRJB	04/14/22	AQ	Ground Water	MW-32DR-A
FA94872-16	04/13/22	11:35	MRJB	04/14/22	AQ	Ground Water	MW-10
FA94872-17	04/13/22	12:15	MRJB	04/14/22	AQ	Surface Water	MW-9
FA94872-17D	04/13/22	12:15	MRJB	04/14/22	AQ	Water Dup/MSD	MW-9
FA94872-17S	04/13/22	12:15	MRJB	04/14/22	AQ	Water Matrix Spike	MW-9
FA94872-18	04/13/22	12:45	MRJB	04/14/22	AQ	Surface Water	MW-26D
FA94872-19	04/13/22	09:55	MRJB	04/14/22	AQ	Surface Water	MW-31D
FA94872-20	04/13/22	13:00	MRJB	04/14/22	AQ	Surface Water	MW-21D

SAMPLE DELIVERY GROUP CASE NARRATIVE

2

Client: Raytheon Technologies

Job No: FA94872

Site: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Report Date: 4/28/2022 1:16:16 PM

On 04/14/2022, 18 Sample(s), 2 Trip Blank(s) and 0 Field Blank(s) were received at SGS North America Inc - Orlando. at a maximum corrected temperature of 0.6 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. - Orlando Job Number of FA94872 was assigned to the project.

Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section. Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ

Batch ID: V2P3459

Sample(s) FA94872-17MS, FA94872-17MSD were used as the QC samples indicated.

FA94872-12: Sample was not preserved to a pH < 2.

FA94872-13: Sample was not preserved to a pH < 2.

FA94872-14: Sample was not preserved to a pH < 2.

FA94872-15: Sample was not preserved to a pH < 2.

FA94872-16: Sample was not preserved to a pH < 2.

FA94872-17: Sample was not preserved to a pH < 2.

FA94872-18: Sample was not preserved to a pH < 2.

FA94872-19: Sample was not preserved to a pH < 2.

FA94872-20: Sample was not preserved to a pH < 2.

Matrix: AQ

Batch ID: VO2671

Sample(s) FA94872-6MS, FA94872-6MSD were used as the QC samples indicated.

For Sample(s) FA94872-1, FA94872-10, FA94872-11, FA94872-2, FA94872-3, FA94872-4, FA94872-6, FA94872-7, FA94872-8, FA94872-9 are associated with an CCV that has a recovery for Methyl Bromide outside low control limit.

VO2671-MB: Sample was treated with an anti-foaming agent.

FA94872-1 for Methyl Bromide: Associated CCV outside of control limits low.

FA94872-1: Sample was not preserved to a pH < 2.

FA94872-2 for Methyl Bromide: Associated CCV outside of control limits low.

FA94872-2 for Tetrachloroethylene: Associated CCV outside of control limits high, sample was ND.

FA94872-2: Sample was not preserved to a pH < 2.

FA94872-3 for Methyl Bromide: Associated CCV outside of control limits low.

FA94872-3 for Tetrachloroethylene: Associated CCV outside of control limits high, sample was ND.

FA94872-3: Sample was not preserved to a pH < 2.

FA94872-4 for Methyl Bromide: Associated CCV outside of control limits low.

FA94872-4 for Tetrachloroethylene: Associated CCV outside of control limits high, sample was ND.

FA94872-4: Sample was not preserved to a pH < 2.

FA94872-6 for Methyl Bromide: Associated CCV outside of control limits low.

FA94872-6: Sample was not preserved to a pH < 2.

FA94872-7 for Methyl Bromide: Associated CCV outside of control limits low.

FA94872-7: Sample was not preserved to a pH < 2.

FA94872-8 for Methyl Bromide: Associated CCV outside of control limits low.

FA94872-8: Sample was not preserved to a pH < 2.

FA94872-9 for Methyl Bromide: Associated CCV outside of control limits low.

FA94872-9 for Tetrachloroethylene: Associated CCV outside of control limits high, sample was ND.

FA94872-9: Sample was not preserved to a pH < 2.

FA94872-10 for Methyl Bromide: Associated CCV outside of control limits low.

FA94872-10 for Tetrachloroethylene: Associated CCV outside of control limits high, sample was ND.

FA94872-10: Sample was not preserved to a pH < 2.

FA94872-11 for Methyl Bromide: Associated CCV outside of control limits low.

FA94872-11: Sample was not preserved to a pH < 2.

MS Volatiles By Method SW846 8260D

Matrix: AQ

Batch ID: VO2679

VO2679-MB: Sample was treated with an anti-foaming agent.

FA94872-16: Sample was not preserved to a pH < 2.

FA94872-17: Sample was not preserved to a pH < 2. Confirmation run beyond hold time.

FA94872-20: Sample was not preserved to a pH < 2. Confirmation run beyond hold time.

Matrix: AQ

Batch ID: VO2684

FA94872-16: Sample was not preserved to a pH < 2. Confirmation run beyond hold time.

Matrix: AQ

Batch ID: VY2605

Sample(s) DA43803-1MS, DA43803-1MSD were used as the QC samples indicated.

Blank Spike Recovery(s) for Methyl Bromide are outside control limits.

Matrix Spike/Matrix Spike Duplicate Recovery(s) for Toluene are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix Spike Duplicate Recovery(s) for Methyl Bromide are outside control limits. Probable cause is due to matrix interference.

RPD(s) for MSD for Methyl Bromide are outside control limits for sample DA43803-1MSD. Probable cause is due to sample non-homogeneity.

VY2605-MB: Sample was treated with an anti-foaming agent.

FA94872-1: Sample was not preserved to a pH < 2.

FA94872-5 for 1,1,1-Trichloroethane: Associated CCV outside of control limits high, sample was ND.

FA94872-5 for Methyl Bromide: Associated CCV and BS recovery outside control limits high, sample was ND.

FA94872-5: Sample was not preserved to a pH < 2.

FA94872-6: Sample was not preserved to a pH < 2.

FA94872-7: Sample was not preserved to a pH < 2.

FA94872-8: Sample was not preserved to a pH < 2.

FA94872-9: Sample was not preserved to a pH < 2. Sample vial(s) contained bubbles greater than 6mm. Confirmation run.

FA94872-11: Sample was not preserved to a pH < 2.

SGS North America Inc. - Orlando certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted. Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria. SGS North America Inc.- Orlando is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety.

Narrative prepared by:

Kim Benham, Client Services (*Signature on File*)

Summary of Hits

Page 1 of 3

Job Number: FA94872
Account: Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 04/12/22 thru 04/13/22



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA94872-1 SW-01-LC						
Tetrachloroethylene ^a		1.0	1.0	0.22	ug/l	SW846 8260D
FA94872-2 SW-02-LC						
No hits reported in this sample.						
FA94872-3 SW-03-HMB						
No hits reported in this sample.						
FA94872-4 SW-04-TLC						
Toluene ^a		0.43 J	1.0	0.30	ug/l	SW846 8260D
FA94872-5 SW-05-LC						
No hits reported in this sample.						
FA94872-6 MW-30D						
1,1-Dichloroethylene ^a		1.5	1.0	0.32	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a		1.1	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^a		68.4	1.0	0.22	ug/l	SW846 8260D
Trichloroethylene ^a		1.1	1.0	0.35	ug/l	SW846 8260D
FA94872-7 MW-13D						
1,1-Dichloroethylene ^a		1.8 J	2.0	0.64	ug/l	SW846 8260D
Tetrachloroethylene ^a		98.4	2.0	0.43	ug/l	SW846 8260D
Toluene ^a		0.97 J	2.0	0.60	ug/l	SW846 8260D
FA94872-8 MW-12D						
Tetrachloroethylene ^a		26.2	1.0	0.22	ug/l	SW846 8260D
Toluene ^a		0.66 J	1.0	0.30	ug/l	SW846 8260D
FA94872-9 TRIP BLANK JB						
Toluene ^a		3.6	1.0	0.30	ug/l	SW846 8260D
FA94872-10 TRIP BLANK MR						
Toluene ^a		0.99 J	1.0	0.30	ug/l	SW846 8260D

Summary of Hits

Job Number: FA94872
Account: Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 04/12/22 thru 04/13/22

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

FA94872-11 MW-22D

1,1-Dichloroethylene ^a	1.4	1.0	0.32	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a	0.46 J	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^a	81.8	1.0	0.22	ug/l	SW846 8260D

FA94872-12 MW-25D

1,1-Dichloroethylene ^a	1.7 J	2.0	0.64	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a	1.1 J	2.0	0.55	ug/l	SW846 8260D
Methylene Chloride ^a	4.7 J	10	4.0	ug/l	SW846 8260D
Tetrachloroethylene ^a	96.1	2.0	0.43	ug/l	SW846 8260D

FA94872-13 MW-10D

Toluene ^a	2.4	1.0	0.30	ug/l	SW846 8260D

FA94872-14 MW-32DR

Tetrachloroethylene ^a	18.7	1.0	0.22	ug/l	SW846 8260D
Toluene ^a	0.30 J	1.0	0.30	ug/l	SW846 8260D

FA94872-15 MW-32DR-A

Tetrachloroethylene ^a	18.5	1.0	0.22	ug/l	SW846 8260D
Toluene ^a	0.43 J	1.0	0.30	ug/l	SW846 8260D

FA94872-16 MW-10

cis-1,2-Dichloroethylene ^a	15.1	10	2.8	ug/l	SW846 8260D
Methylene Chloride ^a	22.8 J	50	20	ug/l	SW846 8260D
Tetrachloroethylene ^a	180	10	2.2	ug/l	SW846 8260D
Trichloroethylene ^a	40.7	10	3.5	ug/l	SW846 8260D

FA94872-17 MW-9

Methylene Chloride ^a	5.1 J	10	4.0	ug/l	SW846 8260D
Tetrachloroethylene ^a	44.9	2.0	0.43	ug/l	SW846 8260D
Toluene ^a	0.71 J	2.0	0.60	ug/l	SW846 8260D
Trichloroethylene ^a	6.6	2.0	0.69	ug/l	SW846 8260D

FA94872-18 MW-26D

1,1-Dichloroethylene ^a	1.0	1.0	0.32	ug/l	SW846 8260D

Summary of Hits

Job Number: FA94872

Account: Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Collected: 04/12/22 thru 04/13/22

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

cis-1,2-Dichloroethylene ^a		0.98 J	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^a		52.1	1.0	0.22	ug/l	SW846 8260D
Toluene ^a		0.73 J	1.0	0.30	ug/l	SW846 8260D
Trichloroethylene ^a		1.0	1.0	0.35	ug/l	SW846 8260D

FA94872-19 MW-31D

1,1-Dichloroethylene ^a		2.6	2.0	0.64	ug/l	SW846 8260D
Methylene Chloride ^a		5.7 J	10	4.0	ug/l	SW846 8260D
Tetrachloroethylene ^a		126	2.0	0.43	ug/l	SW846 8260D

FA94872-20 MW-21D

1,1-Dichloroethylene ^a		2.0	2.0	0.64	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a		1.3 J	2.0	0.55	ug/l	SW846 8260D
Methylene Chloride ^a		5.1 J	10	4.0	ug/l	SW846 8260D
Tetrachloroethylene ^a		59.9	2.0	0.43	ug/l	SW846 8260D

(a) Sample was not preserved to a pH < 2.



Orlando, FL

Section 4

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SW-01-LC	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-1	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67409.D	1	04/19/22 02:33	CV	n/a	n/a	VO2671
Run #2 ^a	Y62702.D	1	04/20/22 11:39	CF	n/a	n/a	VY2605

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	1.0 ^c	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-01-LC	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-1	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	102%	79-125%
2037-26-5	Toluene-D8	103%	95%	85-112%
460-00-4	4-Bromofluorobenzene	102%	107%	83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV outside of control limits low.
 (c) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-02-LC	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-2	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67410.D	1	04/19/22 02:58	CV	n/a	n/a	VO2671
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene ^c	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-02-LC	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-2	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV outside of control limits low.
 (c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-03-HMB	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-3	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67411.D	1	04/19/22 03:23	CV	n/a	n/a	VO2671
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene ^c	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-03-HMB	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-3	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV outside of control limits low.
 (c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-04-TLC	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-4	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67412.D	1	04/19/22 03:48	CV	n/a	n/a	VO2671
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene ^c	ND	1.0	0.22	ug/l	
108-88-3	Toluene	0.43	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-04-TLC	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-4	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV outside of control limits low.
 (c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-05-LC	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-5	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	Y62699.D	1	04/20/22 10:25	CF	n/a	n/a	VY2605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride ^b	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane ^b	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene ^b	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene ^b	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane ^b	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SW-05-LC	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-5	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

(a) Sample was not preserved to a pH < 2.

(b) Associated CCV outside of control limits high, sample was ND.

(c) Associated CCV and BS recovery outside control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-30D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-6	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67414.D	1	04/19/22 04:37	CV	n/a	n/a	VO2671
Run #2 ^a	Y62700.D	1	04/20/22 10:50	CF	n/a	n/a	VY2605

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	1.5	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.1	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	68.4 ^c	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	1.1	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-30D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-6	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	104%	79-125%
2037-26-5	Toluene-D8	101%	94%	85-112%
460-00-4	4-Bromofluorobenzene	100%	107%	83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV outside of control limits low.
 (c) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-7	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67415.D	2	04/19/22 05:02	CV	n/a	n/a	VO2671
Run #2 ^a	Y62707.D	2	04/20/22 13:40	CF	n/a	n/a	VY2605

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	20	ug/l	
71-43-2	Benzene	ND	2.0	0.62	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.48	ug/l	
75-25-2	Bromoform	ND	2.0	0.81	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.0	ug/l	
75-15-0	Carbon Disulfide	ND	4.0	1.1	ug/l	
56-23-5	Carbon Tetrachloride	ND	2.0	0.71	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.40	ug/l	
75-00-3	Chloroethane	ND	4.0	1.3	ug/l	
67-66-3	Chloroform	ND	2.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.55	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.68	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.62	ug/l	
75-35-4	1,1-Dichloroethylene	1.8	2.0	0.64	ug/l	J
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.55	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.85	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.71	ug/l	
591-78-6	2-Hexanone	ND	20	4.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	10	4.0	ug/l	
74-87-3	Methyl Chloride	ND	4.0	1.0	ug/l	
75-09-2	Methylene Chloride	ND	10	4.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	2.0	ug/l	
100-42-5	Styrene	ND	2.0	0.44	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/l	
127-18-4	Tetrachloroethylene	98.4 ^c	2.0	0.43	ug/l	
108-88-3	Toluene	0.97	2.0	0.60	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.50	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.93	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.69	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-7	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	2.0	0.82	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	104%	79-125%
2037-26-5	Toluene-D8	102%	95%	85-112%
460-00-4	4-Bromofluorobenzene	100%	107%	83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV outside of control limits low.
 (c) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-8	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67416.D	1	04/19/22 05:27	CV	n/a	n/a	VO2671
Run #2 ^a	Y62701.D	1	04/20/22 11:14	CF	n/a	n/a	VY2605

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	26.2 ^c	1.0	0.22	ug/l	
108-88-3	Toluene	0.66	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-12D	Date Sampled: 04/13/22
Lab Sample ID: FA94872-8	Date Received: 04/14/22
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260D	
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	103%	79-125%
2037-26-5	Toluene-D8	102%	95%	85-112%
460-00-4	4-Bromofluorobenzene	101%	105%	83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV outside of control limits low.
 (c) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK JB	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-9	Date Received:	04/14/22
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67407.D	1	04/19/22 01:43	CV	n/a	n/a	VO2671
Run #2 ^b	Y62698.D	1	04/20/22 10:01	CF	n/a	n/a	VY2605

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene ^d	ND	1.0	0.22	ug/l	
108-88-3	Toluene	3.6	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK JB	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-9	Date Received:	04/14/22
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	104%	79-125%
2037-26-5	Toluene-D8	102%	94%	85-112%
460-00-4	4-Bromofluorobenzene	100%	106%	83-118%

(a) Sample was not preserved to a pH < 2.

(b) Sample was not preserved to a pH < 2. Sample vial(s) contained bubbles greater than 6mm. Confirmation run.

(c) Associated CCV outside of control limits low.

(d) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK MR	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-10	Date Received:	04/14/22
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67408.D	1	04/19/22 02:08	CV	n/a	n/a	VO2671
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene ^c	ND	1.0	0.22	ug/l	
108-88-3	Toluene	0.99	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK MR	Date Sampled:	04/12/22
Lab Sample ID:	FA94872-10	Date Received:	04/14/22
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV outside of control limits low.
 (c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-22D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-11	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67417.D	1	04/19/22 05:52	CV	n/a	n/a	VO2671
Run #2 ^a	Y62703.D	1	04/20/22 12:03	CF	n/a	n/a	VY2605

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	1.4	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.46	1.0	0.28	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	81.8 ^c	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-22D	Date Sampled: 04/13/22
Lab Sample ID: FA94872-11	Date Received: 04/14/22
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260D	
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	104%	79-125%
2037-26-5	Toluene-D8	101%	95%	85-112%
460-00-4	4-Bromofluorobenzene	100%	106%	83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Associated CCV outside of control limits low.
 (c) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-25D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-12	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2P88141.D	2	04/20/22 16:57	CF	n/a	n/a	V2P3459
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	20	ug/l	
71-43-2	Benzene	ND	2.0	0.62	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.48	ug/l	
75-25-2	Bromoform	ND	2.0	0.81	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.0	ug/l	
75-15-0	Carbon Disulfide	ND	4.0	1.1	ug/l	
56-23-5	Carbon Tetrachloride	ND	2.0	0.71	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.40	ug/l	
75-00-3	Chloroethane	ND	4.0	1.3	ug/l	
67-66-3	Chloroform	ND	2.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.55	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.68	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.62	ug/l	
75-35-4	1,1-Dichloroethylene	1.7	2.0	0.64	ug/l	J
156-59-2	cis-1,2-Dichloroethylene	1.1	2.0	0.55	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.85	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.71	ug/l	
591-78-6	2-Hexanone	ND	20	4.0	ug/l	
74-83-9	Methyl Bromide	ND	10	4.0	ug/l	
74-87-3	Methyl Chloride	ND	4.0	1.0	ug/l	
75-09-2	Methylene Chloride	4.7	10	4.0	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	2.0	ug/l	
100-42-5	Styrene	ND	2.0	0.44	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/l	
127-18-4	Tetrachloroethylene	96.1	2.0	0.43	ug/l	
108-88-3	Toluene	ND	2.0	0.60	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.50	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.93	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.69	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-25D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-12	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	2.0	0.82	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-13	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2P88133.D	1	04/20/22 14:52	CF	n/a	n/a	V2P3459
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	2.4	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-13	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-32DR	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-14	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2P88135.D	1	04/20/22 15:23	CF	n/a	n/a	V2P3459
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	18.7	1.0	0.22	ug/l	
108-88-3	Toluene	0.30	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-32DR	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-14	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-32DR-A	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-15	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2P88137.D	1	04/20/22 15:54	CF	n/a	n/a	V2P3459
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	18.5	1.0	0.22	ug/l	
108-88-3	Toluene	0.43	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-32DR-A	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-15	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-16	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2P88143.D	10	04/20/22 17:28	CF	n/a	n/a	V2P3459
Run #2 ^a	O67639.D	25	04/23/22 04:06	CF	n/a	n/a	VO2679
Run #3 ^b	O67713.D	2.5	04/25/22 16:40	CF	n/a	n/a	VO2684

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml
Run #3	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	250	100	ug/l	
71-43-2	Benzene	ND	10	3.1	ug/l	
75-27-4	Bromodichloromethane	ND	10	2.4	ug/l	
75-25-2	Bromoform	ND	10	4.1	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	20	ug/l	
75-15-0	Carbon Disulfide	ND	20	5.3	ug/l	
56-23-5	Carbon Tetrachloride	ND	10	3.6	ug/l	
108-90-7	Chlorobenzene	ND	10	2.0	ug/l	
75-00-3	Chloroethane	ND	20	6.7	ug/l	
67-66-3	Chloroform	ND	10	3.0	ug/l	
124-48-1	Dibromochloromethane	ND	10	2.8	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	3.4	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	3.1	ug/l	
75-35-4	1,1-Dichloroethylene	ND	10	3.2	ug/l	
156-59-2	cis-1,2-Dichloroethylene	15.1	10	2.8	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	10	2.2	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	4.3	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	2.9	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	2.1	ug/l	
100-41-4	Ethylbenzene	ND	10	3.6	ug/l	
591-78-6	2-Hexanone	ND	100	20	ug/l	
74-83-9	Methyl Bromide	ND	50	20	ug/l	
74-87-3	Methyl Chloride	ND	20	5.0	ug/l	
75-09-2	Methylene Chloride	22.8	50	20	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	50	10	ug/l	
100-42-5	Styrene	ND	10	2.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	3.0	ug/l	
127-18-4	Tetrachloroethylene	180	10	2.2	ug/l	
108-88-3	Toluene	ND	10	3.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	2.5	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-16	Date Received:	04/14/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-00-5	1,1,2-Trichloroethane	ND	10	4.7	ug/l	
79-01-6	Trichloroethylene	40.7	10	3.5	ug/l	
75-01-4	Vinyl Chloride	ND	10	4.1	ug/l	
1330-20-7	Xylene (total)	ND	30	7.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	102%	95%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	99%	103%	79-125%
2037-26-5	Toluene-D8	98%	103%	99%	85-112%
460-00-4	4-Bromofluorobenzene	101%	98%	101%	83-118%

(a) Sample was not preserved to a pH < 2.

(b) Sample was not preserved to a pH < 2. Confirmation run beyond hold time.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-17	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2P88145.D	2	04/20/22 17:59	CF	n/a	n/a	V2P3459
Run #2 ^b	O67640.D	1	04/23/22 04:31	CF	n/a	n/a	VO2679

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	20	ug/l	
71-43-2	Benzene	ND	2.0	0.62	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.48	ug/l	
75-25-2	Bromoform	ND	2.0	0.81	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.0	ug/l	
75-15-0	Carbon Disulfide	ND	4.0	1.1	ug/l	
56-23-5	Carbon Tetrachloride	ND	2.0	0.71	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.40	ug/l	
75-00-3	Chloroethane	ND	4.0	1.3	ug/l	
67-66-3	Chloroform	ND	2.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.55	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.68	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.62	ug/l	
75-35-4	1,1-Dichloroethylene	ND	2.0	0.64	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.55	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.85	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.71	ug/l	
591-78-6	2-Hexanone	ND	20	4.0	ug/l	
74-83-9	Methyl Bromide	ND	10	4.0	ug/l	
74-87-3	Methyl Chloride	ND	4.0	1.0	ug/l	
75-09-2	Methylene Chloride	5.1	10	4.0	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	2.0	ug/l	
100-42-5	Styrene	ND	2.0	0.44	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/l	
127-18-4	Tetrachloroethylene	44.9	2.0	0.43	ug/l	
108-88-3	Toluene	0.71	2.0	0.60	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.50	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.93	ug/l	
79-01-6	Trichloroethylene	6.6	2.0	0.69	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-17	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	2.0	0.82	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	101%	79-125%
2037-26-5	Toluene-D8	98%	102%	85-112%
460-00-4	4-Bromofluorobenzene	102%	101%	83-118%

(a) Sample was not preserved to a pH < 2.

(b) Sample was not preserved to a pH < 2. Confirmation run beyond hold time.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-26D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-18	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2P88139.D	1	04/20/22 16:26	CF	n/a	n/a	V2P3459
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	1.0	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.98	1.0	0.28	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	52.1	1.0	0.22	ug/l	
108-88-3	Toluene	0.73	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	1.0	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-26D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-18	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-31D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-19	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2P88147.D	2	04/20/22 18:30	CF	n/a	n/a	V2P3459
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	20	ug/l	
71-43-2	Benzene	ND	2.0	0.62	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.48	ug/l	
75-25-2	Bromoform	ND	2.0	0.81	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.0	ug/l	
75-15-0	Carbon Disulfide	ND	4.0	1.1	ug/l	
56-23-5	Carbon Tetrachloride	ND	2.0	0.71	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.40	ug/l	
75-00-3	Chloroethane	ND	4.0	1.3	ug/l	
67-66-3	Chloroform	ND	2.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.55	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.68	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.62	ug/l	
75-35-4	1,1-Dichloroethylene	2.6	2.0	0.64	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.55	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.85	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.71	ug/l	
591-78-6	2-Hexanone	ND	20	4.0	ug/l	
74-83-9	Methyl Bromide	ND	10	4.0	ug/l	
74-87-3	Methyl Chloride	ND	4.0	1.0	ug/l	
75-09-2	Methylene Chloride	5.7	10	4.0	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	2.0	ug/l	
100-42-5	Styrene	ND	2.0	0.44	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/l	
127-18-4	Tetrachloroethylene	126	2.0	0.43	ug/l	
108-88-3	Toluene	ND	2.0	0.60	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.50	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.93	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.69	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-31D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-19	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	2.0	0.82	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-20	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2P88149.D	2	04/20/22 19:02	CF	n/a	n/a	V2P3459
Run #2 ^b	O67641.D	1	04/23/22 04:56	CF	n/a	n/a	VO2679

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	20	ug/l	
71-43-2	Benzene	ND	2.0	0.62	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.48	ug/l	
75-25-2	Bromoform	ND	2.0	0.81	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	4.0	ug/l	
75-15-0	Carbon Disulfide	ND	4.0	1.1	ug/l	
56-23-5	Carbon Tetrachloride	ND	2.0	0.71	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.40	ug/l	
75-00-3	Chloroethane	ND	4.0	1.3	ug/l	
67-66-3	Chloroform	ND	2.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.55	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.68	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.62	ug/l	
75-35-4	1,1-Dichloroethylene	2.0	2.0	0.64	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.3	2.0	0.55	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.85	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.71	ug/l	
591-78-6	2-Hexanone	ND	20	4.0	ug/l	
74-83-9	Methyl Bromide	ND	10	4.0	ug/l	
74-87-3	Methyl Chloride	ND	4.0	1.0	ug/l	
75-09-2	Methylene Chloride	5.1	10	4.0	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	2.0	ug/l	
100-42-5	Styrene	ND	2.0	0.44	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/l	
127-18-4	Tetrachloroethylene	59.9	2.0	0.43	ug/l	
108-88-3	Toluene	ND	2.0	0.60	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.50	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.93	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.69	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21D	Date Sampled:	04/13/22
Lab Sample ID:	FA94872-20	Date Received:	04/14/22
Matrix:	AQ - Surface Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	2.0	0.82	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	110%	99%	79-125%
2037-26-5	Toluene-D8	98%	102%	85-112%
460-00-4	4-Bromofluorobenzene	101%	96%	83-118%

(a) Sample was not preserved to a pH < 2.

(b) Sample was not preserved to a pH < 2. Confirmation run beyond hold time.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



SGS North America Inc - Orlando

Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.sgs.com

FA 94872

SGS - ORLANDO JOB #:

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Client / Reporting Information			Project Information			Analytical Information										Matrix Codes		
Company Name: AECOM			Project Name: UTC Delavan													DW - Drinking Water		
Address: 10 Patwood Dr Bldg 6 Suite 500			Street													GW - Ground Water		
City: Greenville State: SC Zip: 29615			City: Bamberg State: SC													WW - Water		
Project Contact: Email:			Project #													SW - Surface Water		
Phone #:			Fax #													SO - Soil		
Sampler(s) Name(s) (Printed): Sampler 1: Rockwell (MR) Sampler 2: Butler (JB)			Client Purchase Order #													SL - Sludge		
																OI - Oil		
																LIQ - Other Liquid		
																AIR - Air		
																SOL - Other Solid		
																LAB USE ONLY		
SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnA	DI WATER	MEDIA			
1	SW-01-LC	4-12-22	1530	MR/JB		3		/								X		
2	SW-02-LC	4-12-22	1550	MR/JB		3		/								X		
3	SW-03-HMB	4-12-22	1600	MR/JB		3		/								X		
4	SW-04-TLC	4-12-22	1540	MR/JB		3		/								X		
5	SW-05-LC	4-12-22	1620	MR/JB		3		/								X		
6	MW-30D	4-13-22	0915	MR		3		/								X		
6	MW-30D-MS		0915	MR		3		/								X		
6	MW-30D-MSD		0915	MR		3		/								X		
7	MW-13D		0850	JB		3		/								X		
8	MW-12D		1000	JB		3		/								X		
9	Trip Blank JB			Lab Provided		2		/								X		
10	Trip Blank MR			Lab Provided		2		/								X		
Turnaround Time (Business days)			Data Deliverable Information			Comments / Remarks												
10 Day (Business)			Approved By: / Date:			☐ COMMERCIAL "A" (RESULTS ONLY)												
7 Day						☐ COMMERCIAL "B" (RESULTS PLUS QC)												
5 Day						☐ REDT1 (EPA LEVEL 3)												
3 Day RUSH						☐ FULLT1 (EPA LEVEL 4)												
2 Day RUSH						☐ EDD'S												
1 Day RUSH																		
Other																		
Rush T/A Data Available VIA Email or Lablink																		
Relinquished by Sampler/Affiliation			Date Time:		Received By/Affiliation		Relinquished By/Affiliation		Date Time:		Received By/Affiliation		Relinquished By/Affiliation		Date Time:		Received By/Affiliation	
1 Butler			4/13/22 1400		Carlos A Delgado		3		4/14/22		4		5		6		7	
Relinquished by/Affiliation			Date Time:		Received By/Affiliation		Relinquished By/Affiliation		Date Time:		Received By/Affiliation		Relinquished By/Affiliation		Date Time:		Received By/Affiliation	
5					6		7				8		9		10		11	
Lab Use Only: Cooler Temperature (s) Celsius (corrected): 2 12.4																		

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<http://www.sgs.com/en/terms-and-conditions>

FA94872: Chain of Custody

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Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.sgs.com

FA941872

SGS - ORLANDO JOB # :

PAGE 2 OF 2

Client / Reporting Information				Project Information				Analytical Information												Matrix Codes										
Company Name: AECOM				Project Name: UTC Delavan																DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid										
Address: 10 Pottewood Dr Bldg 6 Suite 500				Street																										
City: Greenville State: SC Zip: 29615				City: Bamberg State: SC																										
Project Contact: _____ Email: _____				Project # 60656814																										
Phone #: _____				Fax #: _____																										
Sampler(s) Name(s) (Printed) (MK)				Client Purchase Order #																										
Sampler 1: M. Rockwell Sampler 2: J. Butler (JB)																														
SGS Orlando Sample #		Field ID / Point of Collection		DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	KC	NOH	HNO3	MBSC	NACH+2NAC	DI WATER	MECH													
11		MW-22D		4/13/22	1045	MR	WG	3	/									X												
12		MW-25D			1120	MR	WG	3	/									X												
13		MW-10D			1100	JB	WG	3	/									X												
14		MW-32DR			1200	MR	WG	3	/									X												
15		MW-32DR-a			1200	MR	WG	3	/									X												
16		MW-10			1135	JB	WG	3	/									X												
17		MW-9			1215	JB	WG	3	/									X												
17		MW-9-MS/MSD			1215	JB	WG	6	/									X												
18		MW-26D			1245	MR	WG	3	/									X												
19		MW-31D			0935	MR	WG	3	/									X												
20		MW-21D			1300	JB	WG	3	/									X												
Turnaround Time (Business days)				Data Deliverable Information												Comments / Remarks														
10 Day (Business) _____ Approved By / Date: _____ 7 Day _____ 5 Day _____ 3 Day RUSH _____ 2 Day RUSH _____ 1 Day RUSH _____ Other _____				☐ COMMERCIAL "A" (RESULTS ONLY) ☐ COMMERCIAL "B" (RESULTS PLUS QC) ☐ REDT1 (EPA LEVEL 3) ☐ FULLT1 (EPA LEVEL 4) ☐ EDD'S												Raleigh-NC Service Center														
Rush T/A Data Available VIA Email or Linklab				Sample Custody must be documented below each time samples change possession, including courier delivery. 1000																										
Relinquished by Sampler/Affiliation				Date Time: 4/13/22 1400				Received By/Affiliation				Relinquished By/Affiliation				Date Time: 4/14/22				Received By/Affiliation										
Relinquished by/Affiliation				Date Time:				Received By/Affiliation				Relinquished By/Affiliation				Date Time:				Received By/Affiliation										
5				6				7				8				8														
Lab Use Only : Cooler Temperature (s) Celsius (corrected):																		http://www.sgs.com/en/terms-and-conditions												

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<http://www.sgs.com/en/terms-and-conditions>

FA94872: Chain of Custody

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5.1

Raleigh, NC
Service Center

SGS Sample Receipt Summary

Job Number: FA94872

Client: AECOM

Project: UTC DELAVAN

Date / Time Received: 4/14/2022 10:00:00 AM

Delivery Method: FED EX

Airbill #s: 5707 9049 4220

Therm ID: IR 1;

Therm CF: 0.4;

of Coolers: 1

Cooler Temps (Raw Measured) °C: Cooler 1: (0.2);

Cooler Temps (Corrected) °C: Cooler 1: (0.6);

Cooler Information

Y or N

1. Custody Seals Present ☒ ☐
2. Custody Seals Intact ☒ ☐
3. Temp criteria achieved ☒ ☐
4. Cooler temp verification IR Gun
5. Cooler media Ice (Bag)

Trip Blank Information

Y or N N/A

1. Trip Blank present / cooler ☒ ☐ ☐
 2. Trip Blank listed on COC ☒ ☐ ☐
- W or S N/A
3. Type Of TB Received ☒ ☐ ☐

Sample Information

Y or N N/A

1. Sample labels present on bottles ☒ ☐
2. Samples preserved properly ☒ ☐
3. Sufficient volume/containers recvd for analysis: ☒ ☐
4. Condition of sample Intact
5. Sample recvd within HT ☒ ☐
6. Dates/Times/IDs on COC match Sample Label ☒ ☐
7. VOCs have headspace ☐ ☒ ☐
8. Bottles received for unspecified tests ☐ ☒ ☐
9. Compositing instructions clear ☐ ☐ ☒
10. Voa Soil Kits/Jars received past 48hrs? ☐ ☐ ☒
11. % Solids Jar received? ☐ ☐ ☒
12. Residual Chlorine Present? ☐ ☐ ☒

Misc. Information

Number of Encores: 25-Gram _____ 5-Gram _____

Number of 5035 Field Kits: _____

Number of Lab Filtered Metals: _____

Test Strip Lot #s: pH 0-3 230315

pH 10-12 219813A

Other: (Specify) _____

Residual Chlorine Test Strip Lot #: _____

Comments

SM001
Rev. Date 05/24/17

Technician: CARLOSD

Date: 4/14/2022 10:00:00 A

Reviewer: _____

Date: _____

FA94872: Chain of Custody

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MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Page 1 of 2

Job Number: FA94872**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2671-MB ^a	O67406.D	1	04/19/22	CV	n/a	n/a	VO2671

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94872-1, FA94872-2, FA94872-3, FA94872-4, FA94872-6, FA94872-7, FA94872-8, FA94872-9, FA94872-10, FA94872-11

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FA94872
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2671-MB ^a	O67406.D	1	04/19/22	CV	n/a	n/a	VO2671

The QC reported here applies to the following samples: Method: SW846 8260D

FA94872-1, FA94872-2, FA94872-3, FA94872-4, FA94872-6, FA94872-7, FA94872-8, FA94872-9, FA94872-10, FA94872-11

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	95% 83-118%
17060-07-0	1,2-Dichloroethane-D4	103% 79-125%
2037-26-5	Toluene-D8	102% 85-112%
460-00-4	4-Bromofluorobenzene	100% 83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

Page 1 of 2

Job Number: FA94872**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2605-MB ^a	Y62697.D	1	04/20/22	CF	n/a	n/a	VY2605

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94872-1, FA94872-5, FA94872-6, FA94872-7, FA94872-8, FA94872-11

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FA94872
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2605-MB ^a	Y62697.D	1	04/20/22	CF	n/a	n/a	VY2605

The QC reported here applies to the following samples: Method: SW846 8260D

FA94872-1, FA94872-5, FA94872-6, FA94872-7, FA94872-8, FA94872-11

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	98% 83-118%
17060-07-0	1,2-Dichloroethane-D4	104% 79-125%
2037-26-5	Toluene-D8	96% 85-112%
460-00-4	4-Bromofluorobenzene	107% 83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

Page 1 of 2

Job Number: FA94872**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2P3459-MB	2P88121.D	1	04/20/22	CF	n/a	n/a	V2P3459

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94872-12, FA94872-13, FA94872-14, FA94872-15, FA94872-16, FA94872-17, FA94872-18, FA94872-19, FA94872-20

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FA94872
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2P3459-MB	2P88121.D	1	04/20/22	CF	n/a	n/a	V2P3459

The QC reported here applies to the following samples: Method: SW846 8260D

FA94872-12, FA94872-13, FA94872-14, FA94872-15, FA94872-16, FA94872-17, FA94872-18, FA94872-19, FA94872-20

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	101% 83-118%
17060-07-0	1,2-Dichloroethane-D4	96% 79-125%
2037-26-5	Toluene-D8	99% 85-112%
460-00-4	4-Bromofluorobenzene	105% 83-118%

Method Blank Summary

Job Number: FA94872
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2679-MB ^a	O67629.D	1	04/22/22	CF	n/a	n/a	VO2679

The QC reported here applies to the following samples: Method: SW846 8260D
FA94872-16

CAS No.	Compound	Result	RL	MDL	Units	Q

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 83-118%
17060-07-0	1,2-Dichloroethane-D4	100% 79-125%
2037-26-5	Toluene-D8	101% 85-112%
460-00-4	4-Bromofluorobenzene	101% 83-118%

(a) Sample was treated with an anti-foaming agent.

Blank Spike Summary

Page 1 of 2

Job Number: FA94872**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2671-BS	O67404.D	1	04/19/22	CV	n/a	n/a	VO2671

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94872-1, FA94872-2, FA94872-3, FA94872-4, FA94872-6, FA94872-7, FA94872-8, FA94872-9, FA94872-10, FA94872-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	132	106	50-147
71-43-2	Benzene	25	25.8	103	81-122
75-27-4	Bromodichloromethane	25	23.9	96	79-123
75-25-2	Bromoform	25	21.2	85	66-123
78-93-3	2-Butanone (MEK)	125	120	96	56-143
75-15-0	Carbon Disulfide	25	25.4	102	66-148
56-23-5	Carbon Tetrachloride	25	25.4	102	76-136
108-90-7	Chlorobenzene	25	24.8	99	82-124
75-00-3	Chloroethane	25	28.1	112	62-144
67-66-3	Chloroform	25	23.9	96	80-124
124-48-1	Dibromochloromethane	25	22.5	90	78-122
75-34-3	1,1-Dichloroethane	25	25.7	103	81-122
107-06-2	1,2-Dichloroethane	25	24.3	97	75-125
75-35-4	1,1-Dichloroethylene	25	27.1	108	78-137
156-59-2	cis-1,2-Dichloroethylene	25	24.7	99	78-120
156-60-5	trans-1,2-Dichloroethylene	25	26.3	105	76-127
78-87-5	1,2-Dichloropropane	25	25.4	102	76-124
10061-01-5	cis-1,3-Dichloropropene	25	23.6	94	75-118
10061-02-6	trans-1,3-Dichloropropene	25	24.1	96	80-120
100-41-4	Ethylbenzene	25	25.7	103	81-121
591-78-6	2-Hexanone	125	126	101	61-129
74-83-9	Methyl Bromide	25	19.5	78	59-143
74-87-3	Methyl Chloride	25	24.9	100	50-159
75-09-2	Methylene Chloride	25	23.5	94	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	122	98	66-122
100-42-5	Styrene	25	24.4	98	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	24.9	100	72-120
127-18-4	Tetrachloroethylene	25	32.4	130	76-135
108-88-3	Toluene	25	25.7	103	80-120
71-55-6	1,1,1-Trichloroethane	25	25.4	102	75-130
79-00-5	1,1,2-Trichloroethane	25	25.1	100	76-119
79-01-6	Trichloroethylene	25	26.1	104	81-126
75-01-4	Vinyl Chloride	25	26.9	108	69-159
1330-20-7	Xylene (total)	75	77.9	104	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA94872
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2671-BS	O67404.D	1	04/19/22	CV	n/a	n/a	VO2671

The QC reported here applies to the following samples: Method: SW846 8260D

FA94872-1, FA94872-2, FA94872-3, FA94872-4, FA94872-6, FA94872-7, FA94872-8, FA94872-9, FA94872-10, FA94872-11

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	96%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: FA94872**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2605-BS	Y62695.D	1	04/20/22	CF	n/a	n/a	VY2605

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94872-1, FA94872-5, FA94872-6, FA94872-7, FA94872-8, FA94872-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	130	104	50-147
71-43-2	Benzene	25	29.1	116	81-122
75-27-4	Bromodichloromethane	25	28.5	114	79-123
75-25-2	Bromoform	25	25.7	103	66-123
78-93-3	2-Butanone (MEK)	125	129	103	56-143
75-15-0	Carbon Disulfide	25	29.2	117	66-148
56-23-5	Carbon Tetrachloride	25	31.2	125	76-136
108-90-7	Chlorobenzene	25	24.2	97	82-124
75-00-3	Chloroethane	25	24.9	100	62-144
67-66-3	Chloroform	25	27.6	110	80-124
124-48-1	Dibromochloromethane	25	25.8	103	78-122
75-34-3	1,1-Dichloroethane	25	29.9	120	81-122
107-06-2	1,2-Dichloroethane	25	27.7	111	75-125
75-35-4	1,1-Dichloroethylene	25	31.9	128	78-137
156-59-2	cis-1,2-Dichloroethylene	25	29.6	118	78-120
156-60-5	trans-1,2-Dichloroethylene	25	30.8	123	76-127
78-87-5	1,2-Dichloropropane	25	27.4	110	76-124
10061-01-5	cis-1,3-Dichloropropene	25	29.3	117	75-118
10061-02-6	trans-1,3-Dichloropropene	25	28.6	114	80-120
100-41-4	Ethylbenzene	25	24.7	99	81-121
591-78-6	2-Hexanone	125	121	97	61-129
74-83-9	Methyl Bromide	25	94.3	377*	59-143
74-87-3	Methyl Chloride	25	27.8	111	50-159
75-09-2	Methylene Chloride	25	26.0	104	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	120	96	66-122
100-42-5	Styrene	25	25.6	102	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	27.1	108	72-120
127-18-4	Tetrachloroethylene	25	21.8	87	76-135
108-88-3	Toluene	25	26.3	105	80-120
71-55-6	1,1,1-Trichloroethane	25	30.2	121	75-130
79-00-5	1,1,2-Trichloroethane	25	26.1	104	76-119
79-01-6	Trichloroethylene	25	29.6	118	81-126
75-01-4	Vinyl Chloride	25	27.3	109	69-159
1330-20-7	Xylene (total)	75	72.7	97	80-126

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FA94872

Account: UTC Raytheon Technologies

Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2605-BS	Y62695.D	1	04/20/22	CF	n/a	n/a	VY2605

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94872-1, FA94872-5, FA94872-6, FA94872-7, FA94872-8, FA94872-11

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	106%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: FA94872**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2P3459-BS	2P88117.D	1	04/20/22	CF	n/a	n/a	V2P3459

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94872-12, FA94872-13, FA94872-14, FA94872-15, FA94872-16, FA94872-17, FA94872-18, FA94872-19, FA94872-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	115	92	50-147
71-43-2	Benzene	25	20.8	83	81-122
75-27-4	Bromodichloromethane	25	21.9	88	79-123
75-25-2	Bromoform	25	21.8	87	66-123
78-93-3	2-Butanone (MEK)	125	111	89	56-143
75-15-0	Carbon Disulfide	25	17.0	68	66-148
56-23-5	Carbon Tetrachloride	25	22.8	91	76-136
108-90-7	Chlorobenzene	25	21.3	85	82-124
75-00-3	Chloroethane	25	23.1	92	62-144
67-66-3	Chloroform	25	20.6	82	80-124
124-48-1	Dibromochloromethane	25	21.5	86	78-122
75-34-3	1,1-Dichloroethane	25	20.5	82	81-122
107-06-2	1,2-Dichloroethane	25	21.2	85	75-125
75-35-4	1,1-Dichloroethylene	25	19.6	78	78-137
156-59-2	cis-1,2-Dichloroethylene	25	21.3	85	78-120
156-60-5	trans-1,2-Dichloroethylene	25	20.1	80	76-127
78-87-5	1,2-Dichloropropane	25	21.7	87	76-124
10061-01-5	cis-1,3-Dichloropropene	25	22.4	90	75-118
10061-02-6	trans-1,3-Dichloropropene	25	22.4	90	80-120
100-41-4	Ethylbenzene	25	21.4	86	81-121
591-78-6	2-Hexanone	125	101	81	61-129
74-83-9	Methyl Bromide	25	21.2	85	59-143
74-87-3	Methyl Chloride	25	22.3	89	50-159
75-09-2	Methylene Chloride	25	19.8	79	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	101	81	66-122
100-42-5	Styrene	25	22.2	89	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	20.9	84	72-120
127-18-4	Tetrachloroethylene	25	21.2	85	76-135
108-88-3	Toluene	25	21.1	84	80-120
71-55-6	1,1,1-Trichloroethane	25	22.3	89	75-130
79-00-5	1,1,2-Trichloroethane	25	21.0	84	76-119
79-01-6	Trichloroethylene	25	22.1	88	81-126
75-01-4	Vinyl Chloride	25	24.9	100	69-159
1330-20-7	Xylene (total)	75	65.1	87	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA94872
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2P3459-BS	2P88117.D	1	04/20/22	CF	n/a	n/a	V2P3459

The QC reported here applies to the following samples: Method: SW846 8260D

FA94872-12, FA94872-13, FA94872-14, FA94872-15, FA94872-16, FA94872-17, FA94872-18, FA94872-19, FA94872-20

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	102%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA94872
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2679-BS	O67627.D	1	04/22/22	CF	n/a	n/a	VO2679

The QC reported here applies to the following samples: Method: SW846 8260D

FA94872-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: FA94872

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94872-6MS	O67422.D	1	04/19/22	CV	n/a	n/a	VO2671
FA94872-6MSD	O67423.D	1	04/19/22	CV	n/a	n/a	VO2671
FA94872-6 ^a	O67414.D	1	04/19/22	CV	n/a	n/a	VO2671

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94872-1, FA94872-2, FA94872-3, FA94872-4, FA94872-6, FA94872-7, FA94872-8, FA94872-9, FA94872-10, FA94872-11

CAS No.	Compound	FA94872-6 ug/l	Spike Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		125	133	106	125	130	104	2	50-147/21
71-43-2	Benzene	ND		25	26.4	106	25	26.5	106	0	81-122/14
75-27-4	Bromodichloromethane	ND		25	24.0	96	25	24.0	96	0	79-123/19
75-25-2	Bromoform	ND		25	20.8	83	25	21.1	84	1	66-123/21
78-93-3	2-Butanone (MEK)	ND		125	125	100	125	121	97	3	56-143/18
75-15-0	Carbon Disulfide	ND		25	24.4	98	25	25.1	100	3	66-148/23
56-23-5	Carbon Tetrachloride	ND		25	25.3	101	25	25.5	102	1	76-136/23
108-90-7	Chlorobenzene	ND		25	25.2	101	25	25.4	102	1	82-124/14
75-00-3	Chloroethane	ND		25	29.4	118	25	28.6	114	3	62-144/20
67-66-3	Chloroform	ND		25	24.7	99	25	24.9	100	1	80-124/15
124-48-1	Dibromochloromethane	ND		25	22.0	88	25	22.5	90	2	78-122/19
75-34-3	1,1-Dichloroethane	ND		25	26.7	107	25	26.3	105	2	81-122/15
107-06-2	1,2-Dichloroethane	ND		25	25.1	100	25	25.0	100	0	75-125/14
75-35-4	1,1-Dichloroethylene	1.5		25	28.9	110	25	29.1	110	1	78-137/18
156-59-2	cis-1,2-Dichloroethylene	1.1		25	26.0	100	25	26.4	101	2	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND		25	26.3	105	25	26.3	105	0	76-127/17
78-87-5	1,2-Dichloropropane	ND		25	26.1	104	25	26.1	104	0	76-124/14
10061-01-5	cis-1,3-Dichloropropene	ND		25	22.9	92	25	23.2	93	1	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND		25	23.6	94	25	23.9	96	1	80-120/22
100-41-4	Ethylbenzene	ND		25	25.9	104	25	26.1	104	1	81-121/14
591-78-6	2-Hexanone	ND		125	128	102	125	125	100	2	61-129/18
74-83-9	Methyl Bromide	ND		25	17.8	71	25	19.9	80	11	59-143/19
74-87-3	Methyl Chloride	ND		25	26.7	107	25	26.1	104	2	50-159/19
75-09-2	Methylene Chloride	ND		25	24.2	97	25	24.2	97	0	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		125	126	101	125	124	99	2	66-122/16
100-42-5	Styrene	ND		25	24.1	96	25	24.2	97	0	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	25.8	103	25	25.4	102	2	72-120/14
127-18-4	Tetrachloroethylene	86.6		25	117	122	25	119	130	2	76-135/16
108-88-3	Toluene	ND		25	26.7	107	25	26.4	106	1	80-120/14
71-55-6	1,1,1-Trichloroethane	ND		25	24.9	100	25	25.4	102	2	75-130/16
79-00-5	1,1,2-Trichloroethane	ND		25	26.4	106	25	26.0	104	2	76-119/14
79-01-6	Trichloroethylene	1.1		25	27.1	104	25	27.7	106	2	81-126/15
75-01-4	Vinyl Chloride	ND		25	27.8	111	25	27.2	109	2	69-159/18
1330-20-7	Xylene (total)	ND		75	77.2	103	75	78.2	104	1	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: FA94872

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94872-6MS	O67422.D	1	04/19/22	CV	n/a	n/a	VO2671
FA94872-6MSD	O67423.D	1	04/19/22	CV	n/a	n/a	VO2671
FA94872-6 ^a	O67414.D	1	04/19/22	CV	n/a	n/a	VO2671

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94872-1, FA94872-2, FA94872-3, FA94872-4, FA94872-6, FA94872-7, FA94872-8, FA94872-9, FA94872-10, FA94872-11

CAS No.	Surrogate Recoveries	MS	MSD	FA94872-6	Limits
1868-53-7	Dibromofluoromethane	100%	99%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	100%	106%	79-125%
2037-26-5	Toluene-D8	100%	100%	101%	85-112%
460-00-4	4-Bromofluorobenzene	98%	97%	100%	83-118%

(a) Sample was not preserved to a pH < 2.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: FA94872

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA43803-1MS	Y62720.D	50	04/20/22	CF	n/a	n/a	VY2605
DA43803-1MSD	Y62721.D	50	04/20/22	CF	n/a	n/a	VY2605
DA43803-1	Y62709.D	50	04/20/22	CF	n/a	n/a	VY2605

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94872-1, FA94872-5, FA94872-6, FA94872-7, FA94872-8, FA94872-11

CAS No.	Compound	DA43803-1 ug/l	Spike Q	ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		6250	5940	95	6250	6800	109	14	50-147/21
71-43-2	Benzene	1950		1250	3020	86	1250	3060	89	1	81-122/14
75-27-4	Bromodichloromethane	ND		1250	1330	106	1250	1360	109	2	79-123/19
75-25-2	Bromoform	ND		1250	945	76	1250	995	80	5	66-123/21
78-93-3	2-Butanone (MEK)	ND		6250	5880	94	6250	6730	108	13	56-143/18
75-15-0	Carbon Disulfide	ND		1250	1380	110	1250	1460	117	6	66-148/23
56-23-5	Carbon Tetrachloride	ND		1250	1510	121	1250	1530	122	1	76-136/23
108-90-7	Chlorobenzene	ND		1250	1200	96	1250	1190	95	1	82-124/14
75-00-3	Chloroethane	ND		1250	1230	98	1250	1360	109	10	62-144/20
67-66-3	Chloroform	ND		1250	1360	109	1250	1390	111	2	80-124/15
124-48-1	Dibromochloromethane	ND		1250	1140	91	1250	1130	90	1	78-122/19
75-34-3	1,1-Dichloroethane	ND		1250	1460	117	1250	1520	122	4	81-122/15
107-06-2	1,2-Dichloroethane	ND		1250	1380	110	1250	1380	110	0	75-125/14
75-35-4	1,1-Dichloroethylene	ND		1250	1570	126	1250	1610	129	3	78-137/18
156-59-2	cis-1,2-Dichloroethylene	ND		1250	1470	118	1250	1480	118	1	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND		1250	1540	123	1250	1550	124	1	76-127/17
78-87-5	1,2-Dichloropropane	ND		1250	1360	109	1250	1390	111	2	76-124/14
10061-01-5	cis-1,3-Dichloropropene	ND		1250	1380	110	1250	1410	113	2	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND		1250	1310	105	1250	1320	106	1	80-120/22
100-41-4	Ethylbenzene	74.5		1250	1300	98	1250	1300	98	0	81-121/14
591-78-6	2-Hexanone	ND		6250	5800	93	6250	6440	103	10	61-129/18
74-83-9	Methyl Bromide	ND		1250	1580	126	1250	2640	211*	50*	59-143/19
74-87-3	Methyl Chloride	ND		1250	1310	105	1250	1490	119	13	50-159/19
75-09-2	Methylene Chloride	126	J	1250	1350	98	1250	1330	96	1	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		6250	5470	88	6250	6060	97	10	66-122/16
100-42-5	Styrene	ND		1250	1200	96	1250	1250	100	4	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1250	1320	106	1250	1330	106	1	72-120/14
127-18-4	Tetrachloroethylene	ND		1250	1070	86	1250	1060	85	1	76-135/16
108-88-3	Toluene	3580		1250	4210	50* a	1250	4230	52* a	0	80-120/14
71-55-6	1,1,1-Trichloroethane	ND		1250	1480	118	1250	1490	119	1	75-130/16
79-00-5	1,1,2-Trichloroethane	ND		1250	1280	102	1250	1290	103	1	76-119/14
79-01-6	Trichloroethylene	ND		1250	1500	120	1250	1510	121	1	81-126/15
75-01-4	Vinyl Chloride	ND		1250	1330	106	1250	1470	118	10	69-159/18
1330-20-7	Xylene (total)	1050		3750	4470	91	3750	4450	91	0	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: FA94872

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA43803-1MS	Y62720.D	50	04/20/22	CF	n/a	n/a	VY2605
DA43803-1MSD	Y62721.D	50	04/20/22	CF	n/a	n/a	VY2605
DA43803-1	Y62709.D	50	04/20/22	CF	n/a	n/a	VY2605

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94872-1, FA94872-5, FA94872-6, FA94872-7, FA94872-8, FA94872-11

CAS No.	Surrogate Recoveries	MS	MSD	DA43803-1	Limits
1868-53-7	Dibromofluoromethane	101%	105%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	98%	102%	79-125%
2037-26-5	Toluene-D8	96%	96%	94%	85-112%
460-00-4	4-Bromofluorobenzene	104%	104%	107%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: FA94872

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94872-17MS	2P88155.D	2	04/20/22	CF	n/a	n/a	V2P3459
FA94872-17MSD	2P88157.D	2	04/20/22	CF	n/a	n/a	V2P3459
FA94872-17 ^a	2P88145.D	2	04/20/22	CF	n/a	n/a	V2P3459

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94872-12, FA94872-13, FA94872-14, FA94872-15, FA94872-16, FA94872-17, FA94872-18, FA94872-19, FA94872-20

CAS No.	Compound	FA94872-17		Spike	MS	MS	Spike	MSD	MSD	RPD	Limits
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l	%		Rec/RPD
67-64-1	Acetone	ND		250	266	106	250	261	104	2	50-147/21
71-43-2	Benzene	ND		50	50.4	101	50	52.3	105	4	81-122/14
75-27-4	Bromodichloromethane	ND		50	52.9	106	50	53.6	107	1	79-123/19
75-25-2	Bromoform	ND		50	45.3	91	50	48.7	97	7	66-123/21
78-93-3	2-Butanone (MEK)	ND		250	251	100	250	248	99	1	56-143/18
75-15-0	Carbon Disulfide	ND		50	45.1	90	50	49.1	98	8	66-148/23
56-23-5	Carbon Tetrachloride	ND		50	59.0	118	50	58.8	118	0	76-136/23
108-90-7	Chlorobenzene	ND		50	48.0	96	50	49.6	99	3	82-124/14
75-00-3	Chloroethane	ND		50	58.5	117	50	57.7	115	1	62-144/20
67-66-3	Chloroform	ND		50	51.5	103	50	52.7	105	2	80-124/15
124-48-1	Dibromochloromethane	ND		50	49.3	99	50	50.3	101	2	78-122/19
75-34-3	1,1-Dichloroethane	ND		50	51.2	102	50	53.1	106	4	81-122/15
107-06-2	1,2-Dichloroethane	ND		50	54.4	109	50	54.0	108	1	75-125/14
75-35-4	1,1-Dichloroethylene	ND		50	53.4	107	50	54.6	109	2	78-137/18
156-59-2	cis-1,2-Dichloroethylene	ND		50	50.3	101	50	51.9	104	3	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND		50	51.2	102	50	53.1	106	4	76-127/17
78-87-5	1,2-Dichloropropane	ND		50	49.8	100	50	51.7	103	4	76-124/14
10061-01-5	cis-1,3-Dichloropropene	ND		50	51.5	103	50	52.9	106	3	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND		50	49.4	99	50	51.1	102	3	80-120/22
100-41-4	Ethylbenzene	ND		50	49.5	99	50	51.2	102	3	81-121/14
591-78-6	2-Hexanone	ND		250	223	89	250	222	89	0	61-129/18
74-83-9	Methyl Bromide	ND		50	51.2	102	50	54.3	109	6	59-143/19
74-87-3	Methyl Chloride	ND		50	51.7	103	50	51.9	104	0	50-159/19
75-09-2	Methylene Chloride	5.1	J	50	49.7	89	50	50.7	91	2	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	220	88	250	221	88	0	66-122/16
100-42-5	Styrene	ND		50	48.4	97	50	49.8	100	3	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	46.0	92	50	46.4	93	1	72-120/14
127-18-4	Tetrachloroethylene	44.9		50	94.0	98	50	93.1	96	1	76-135/16
108-88-3	Toluene	0.71	J	50	49.3	97	50	51.8	102	5	80-120/14
71-55-6	1,1,1-Trichloroethane	ND		50	56.5	113	50	58.5	117	3	75-130/16
79-00-5	1,1,2-Trichloroethane	ND		50	47.8	96	50	49.1	98	3	76-119/14
79-01-6	Trichloroethylene	6.6		50	60.8	108	50	60.5	108	0	81-126/15
75-01-4	Vinyl Chloride	ND		50	56.0	112	50	56.7	113	1	69-159/18
1330-20-7	Xylene (total)	ND		150	150	100	150	156	104	4	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: FA94872

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94872-17MS	2P88155.D	2	04/20/22	CF	n/a	n/a	V2P3459
FA94872-17MSD	2P88157.D	2	04/20/22	CF	n/a	n/a	V2P3459
FA94872-17 ^a	2P88145.D	2	04/20/22	CF	n/a	n/a	V2P3459

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94872-12, FA94872-13, FA94872-14, FA94872-15, FA94872-16, FA94872-17, FA94872-18, FA94872-19, FA94872-20

CAS No.	Surrogate Recoveries	MS	MSD	FA94872-17	Limits
1868-53-7	Dibromofluoromethane	108%	108%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	114%	108%	108%	79-125%
2037-26-5	Toluene-D8	99%	98%	98%	85-112%
460-00-4	4-Bromofluorobenzene	103%	101%	102%	83-118%

(a) Sample was not preserved to a pH < 2.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA94872
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94872-17MS	O67650.D	1	04/23/22	CF	n/a	n/a	VO2679
FA94872-17MSD	O67651.D	1	04/23/22	CF	n/a	n/a	VO2679
FA94872-17 ^a	O67640.D	1	04/23/22	CF	n/a	n/a	VO2679

The QC reported here applies to the following samples: Method: SW846 8260D

FA94872-16

CAS No.	Compound	FA94872-17 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD

CAS No.	Surrogate Recoveries	MS	MSD	FA94872-17	Limits
1868-53-7	Dibromofluoromethane	99%	100%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	100%	101%	79-125%
2037-26-5	Toluene-D8	100%	100%	102%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	101%	83-118%

(a) Sample was not preserved to a pH < 2. Confirmation run beyond hold time.

* = Outside of Control Limits.

The results set forth herein are provided by SGS North America Inc.

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Automated Report

Technical Report for

Raytheon Technologies

AECOMSCG: Delavan Spray Technologies; Bamberg, SC

60656814/TASK 1A

SGS Job Number: FA94916

Sampling Dates: 04/13/22 - 04/14/22



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Total number of pages in report: **119**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.



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Sample Summary

Raytheon Technologies

Job No: FA94916

AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Project No: 60656814/TASK 1A

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

FA94916-1	04/13/22	13:50	MRJB	04/15/22	AQ	Ground Water	MW-14D
FA94916-2	04/13/22	13:50	MRJB	04/15/22	AQ	Ground Water	MW-14D-A
FA94916-3	04/13/22	13:55	MRJB	04/15/22	AQ	Ground Water	MW-3
FA94916-4	04/13/22	14:45	MRJB	04/15/22	AQ	Ground Water	MW-3D
FA94916-5	04/13/22	14:50	MRJB	04/15/22	AQ	Ground Water	MW-36D
FA94916-6	04/13/22	16:05	MRJB	04/15/22	AQ	Ground Water	MW-2
FA94916-7	04/13/22	16:15	MRJB	04/15/22	AQ	Ground Water	MW-8
FA94916-8	04/14/22	08:55	MRJB	04/15/22	AQ	Ground Water	MW-24
FA94916-9	04/14/22	08:55	MRJB	04/15/22	AQ	Ground Water	MW-24-A
FA94916-10	04/14/22	08:55	MRJB	04/15/22	AQ	Ground Water	MW-20
FA94916-11	04/14/22	09:35	MRJB	04/15/22	AQ	Ground Water	MW-19
FA94916-12	04/14/22	09:40	MRJB	04/15/22	AQ	Ground Water	MW-34D



Sample Summary
(continued)

Raytheon Technologies

Job No: FA94916

AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Project No: 60656814/TASK 1A

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
FA94916-13	04/14/22	10:25	MRJB	04/15/22	AQ Ground Water	MW-35D
FA94916-14	04/14/22	10:30	MRJB	04/15/22	AQ Ground Water	MW-37
FA94916-15	04/14/22	11:20	MRJB	04/15/22	AQ Ground Water	MW-33D
FA94916-16	04/14/22	11:55	MRJB	04/15/22	AQ Ground Water	MW-1
FA94916-17	04/14/22	12:00	MRJB	04/15/22	AQ Ground Water	MW-21
FA94916-18	04/14/22	12:20	MRJB	04/15/22	AQ Water	IDW-01
FA94916-19	04/13/22	00:00	MRJB	04/15/22	AQ Trip Blank Water	TRIP BLANK-MR
FA94916-20	04/13/22	00:00	MRJB	04/15/22	AQ Trip Blank Water	TRIP BLANK-JB

SAMPLE DELIVERY GROUP CASE NARRATIVE

2

Client: Raytheon Technologies

Job No: FA94916

Site: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Report Date 5/2/2022 2:46:35 PM

On 04/15/2022, 18 Sample(s), 2 Trip Blank(s) and 0 Field Blank(s) were received at SGS North America Inc - Orlando. at a maximum corrected temperature of 3.4 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. - Orlando Job Number of FA94916 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section. Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ

Batch ID: V2P3459

Sample(s) FA94872-17MS, FA94872-17MSD were used as the QC samples indicated.

FA94916-20: Sample was not preserved to a pH < 2.

FA94916-20 for Toluene: Confirmed by re-analysis.

Matrix: AQ

Batch ID: VC6262

Sample(s) FA94887-4MS, FA94887-4MSD were used as the QC samples indicated.

Blank Spike Recovery(s) for Methyl Bromide are outside control limits.

Matrix Spike Recovery(s) for 1,1-Dichloroethylene, cis-1,3-Dichloropropene, Methyl Bromide, trans-1,3-Dichloropropene, Carbon Disulfide, Vinyl Chloride are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix Spike Duplicate Recovery(s) for 1,1-Dichloroethane, 1,1-Dichloroethylene, Benzene, Carbon Disulfide, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropene, trans-1,2-Dichloroethylene, Vinyl Chloride are outside control limits. Probable cause is due to matrix interference.

RPD(s) for MSD for Methyl Bromide, Methyl Chloride are outside control limits for sample FA94887-4MSD. Probable cause is due to sample non-homogeneity.

FA94916-17: Sample was not preserved to a pH < 2.

FA94916-17 for Vinyl Chloride: Associated CCV outside of control limits high. Results confirmed by re-analysis beyond hold time.

FA94916-17 for Methyl Chloride: Associated CCV outside of control limits high, sample was ND.

FA94916-17 for Chloroethane: Associated Initial Calibration invalid; sample is ND. Results confirmed by re-analysis beyond hold time.

FA94916-17 for Methyl Bromide: Associated CCV and BS recovery outside control limits high, sample was ND.

FA94916-18: Sample was not preserved to a pH < 2.

FA94916-18 for Chloroethane: Associated Initial Calibration invalid.

FA94916-18 for Methyl Chloride: Associated CCV outside of control limits high, sample was ND.

FA94916-18 for Methyl Bromide: Associated CCV and BS recovery outside control limits high, sample was ND.

Matrix: AQ

Batch ID: VI2527

FA94916-17: Sample was not preserved to a pH < 2. Sample was analyzed beyond the 12 hour analysis window. Confirmation run beyond holdtime.

MS Volatiles By Method SW846 8260D

Matrix: AQ

Batch ID: VI2529

Sample(s) FA94929-2MS, FA94929-2MSD were used as the QC samples indicated.

Matrix Spike Recovery(s) for Tetrachloroethylene are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix Spike Duplicate Recovery(s) for Tetrachloroethylene are outside control limits. Probable cause is due to matrix interference.

VI2529-MB: Sample was treated with an anti-foaming agent.

FA94916-18: Sample was not preserved to a pH < 2. Sample re-analyzed beyond hold time.

Matrix: AQ

Batch ID: VO2674

Sample(s) FA94610-8MS, FA94610-8MSD were used as the QC samples indicated.

Matrix Spike Duplicate Recovery(s) for Tetrachloroethylene are outside control limits. Probable cause is due to matrix interference.

RPD(s) for MSD for Tetrachloroethylene are outside control limits for sample FA94610-8MSD. Probable cause is due to sample non-homogeneity.

FA94916-1: Sample was not preserved to a pH < 2.

FA94916-2: Sample was not preserved to a pH < 2.

FA94916-3: Sample was not preserved to a pH < 2.

FA94916-4: Sample was not preserved to a pH < 2.

FA94916-5: Sample was not preserved to a pH < 2.

FA94916-6: Sample was not preserved to a pH < 2.

FA94916-7: Sample was not preserved to a pH < 2.

FA94916-19: Sample was not preserved to a pH < 2.

Matrix: AQ

Batch ID: VO2676

Sample(s) FA94793-1MS, FA94793-1MSD were used as the QC samples indicated.

For Sample(s) FA94916-14 are associated with an CCV that has a recovery for Methyl Bromide outside low control limit.

FA94916-8: Sample was not preserved to a pH < 2.

FA94916-8 for Methyl Bromide: Associated CCV outside control limits low.

FA94916-9 for Methyl Bromide: Associated CCV outside control limits low.

FA94916-9: Sample was not preserved to a pH < 2.

FA94916-10 for Methyl Bromide: Associated CCV outside control limits low.

FA94916-10: Sample was not preserved to a pH < 2.

FA94916-11 for Methyl Bromide: Associated CCV outside control limits low.

FA94916-11: Sample was not preserved to a pH < 2.

FA94916-12: Sample was not preserved to a pH < 2.

FA94916-12 for Methyl Bromide: Associated CCV outside control limits low.

FA94916-13 for Methyl Bromide: Associated CCV outside control limits low.

FA94916-13: Sample was not preserved to a pH < 2.

FA94916-14: Sample was not preserved to a pH < 2.

FA94916-14 for Methyl Bromide: Associated CCV outside of control limits low.

FA94916-15 for Methyl Bromide: Associated CCV outside control limits low.

FA94916-15: Sample was not preserved to a pH < 2.

FA94916-16: Sample was not preserved to a pH < 2.

Matrix: AQ

Batch ID: VO2677

Sample(s) FA94857-1MS, FA94857-1MSD were used as the QC samples indicated.

FA94916-3: Sample was not preserved to a pH < 2. Sample re-analyzed beyond hold time.

FA94916-19: Confirmation run beyond holdtime. Sample was not preserved to a pH < 2.

Matrix: AQ

Batch ID: VO2679

Sample(s) FA94872-17MS, FA94872-17MSD were used as the QC samples indicated.

For Sample(s) FA94916-16 are associated with an CCV that has a recovery for Methyl Bromide outside low control limit.

VO2679-MB: Sample was treated with an anti-foaming agent.

FA94916-14: Sample was not preserved to a pH < 2. Sample re-analyzed beyond hold time.

FA94916-16 for Methyl Bromide: Associated CCV outside of control limits low.

FA94916-16: Sample was not preserved to a pH < 2. Sample re-analyzed beyond hold time.

Matrix: AQ

Batch ID: VY2606

FA94916-20: Sample was not preserved to a pH < 2. Confirmation run.

MS Semi-volatiles By Method SW846 8270E

Matrix: AQ

Batch ID: OP90866

Sample(s) FA94928-4MS, FA94928-4MSD were used as the QC samples indicated.

Matrix Spike Recovery(s) for 4-Bromophenyl Phenyl Ether, Anthracene, Hexachlorobenzene are outside control limits. Probable cause is due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 4-Bromophenyl Phenyl Ether, Anthracene, Benzo(a)anthracene, Benzo(b)fluoranthene, Hexachlorobenzene, N-Nitrosodiphenylamine, Phenanthrene are outside control limits. Probable cause is due to matrix interference.

OP90866-BS for Dibenzofuran: Spike recoveries calculated from actual spike mix concentration.

OP90866-BS for Benzyl Alcohol: Spike recoveries calculated from actual spike mix concentration.

OP90866-BS for 2-Methylnaphthalene: Spike recoveries calculated from actual spike mix concentration.

OP90866-BS for Carbazole: Spike recoveries calculated from actual spike mix concentration.

OP90866-BS for 4-Chloroaniline: Spike recoveries calculated from actual spike mix concentration.
 OP90866-BS for 2-Nitroaniline: Spike recoveries calculated from actual spike mix concentration.
 OP90866-BS for 3,3'-Dichlorobenzidine: Spike recoveries calculated from actual spike mix concentration.
 OP90866-BS for 3-Nitroaniline: Spike recoveries calculated from actual spike mix concentration.
 OP90866-BS for 4-Nitroaniline: Spike recoveries calculated from actual spike mix concentration.

Metals Analysis By Method SW846 6010D

Matrix: AQ

Batch ID: MP40608

Sample(s) FA94927-2DUP, FA94927-2MS, FA94927-2MSD, FA94927-2PS, FA94927-2SDL, were used as the QC samples for metals.

RPD(s) for Duplicate for Antimony, Arsenic, Chromium, Thallium are outside control limits for sample MP40608-D1. RPD acceptable due to low duplicate and sample concentrations.

RPD(s) for Serial Dilution for Arsenic, Silver, Thallium are outside control limits for sample MP40608-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals Analysis By Method SW846 7470A

Matrix: AQ

Batch ID: MP40604

Sample(s) FA95013-2DUP, FA95013-2MS, FA95013-2MSD, FA95013-2SDL were used as the QC samples for metals.

SGS North America Inc. - Orlando certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted. Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria. SGS North America Inc.- Orlando is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety.

Narrative prepared by:

 Ariel Hartney, Client Services (signature on file)

Summary of Hits

Page 1 of 3

Job Number: FA94916
Account: Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 04/13/22 thru 04/14/22



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA94916-1	MW-14D					
1,1-Dichloroethylene ^a		0.85 J	1.0	0.32	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a		0.46 J	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^a		50.5	1.0	0.22	ug/l	SW846 8260D
Trichloroethylene ^a		0.57 J	1.0	0.35	ug/l	SW846 8260D
FA94916-2	MW-14D-A					
1,1-Dichloroethylene ^a		0.85 J	1.0	0.32	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a		0.47 J	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^a		53.4	1.0	0.22	ug/l	SW846 8260D
Toluene ^a		0.31 J	1.0	0.30	ug/l	SW846 8260D
FA94916-3	MW-3					
cis-1,2-Dichloroethylene ^b		2.3	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^a		99.3	2.0	0.43	ug/l	SW846 8260D
Toluene ^a		1.2 J	2.0	0.60	ug/l	SW846 8260D
Trichloroethylene ^a		2.7	2.0	0.69	ug/l	SW846 8260D
FA94916-4	MW-3D					
1,1-Dichloroethylene ^a		4.2 J	5.0	1.6	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a		7.6	5.0	1.4	ug/l	SW846 8260D
Tetrachloroethylene ^a		277	5.0	1.1	ug/l	SW846 8260D
Trichloroethylene ^a		8.8	5.0	1.7	ug/l	SW846 8260D
FA94916-5	MW-36D					
Toluene ^a		0.38 J	1.0	0.30	ug/l	SW846 8260D
FA94916-6	MW-2					
Tetrachloroethylene ^a		0.67 J	1.0	0.22	ug/l	SW846 8260D
Toluene ^a		2.6	1.0	0.30	ug/l	SW846 8260D
FA94916-7	MW-8					
cis-1,2-Dichloroethylene ^a		7.6	5.0	1.4	ug/l	SW846 8260D
Tetrachloroethylene ^a		267	5.0	1.1	ug/l	SW846 8260D
Trichloroethylene ^a		46.2	5.0	1.7	ug/l	SW846 8260D

Summary of Hits

Job Number: FA94916
Account: Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 04/13/22 thru 04/14/22

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA94916-8 MW-24						
cis-1,2-Dichloroethylene ^a		9.1 J	25	6.9	ug/l	SW846 8260D
Methylene Chloride ^a		59.3 J	130	50	ug/l	SW846 8260D
Tetrachloroethylene ^a		1670	25	5.4	ug/l	SW846 8260D
FA94916-9 MW-24-A						
cis-1,2-Dichloroethylene ^a		9.6 J	20	5.5	ug/l	SW846 8260D
Methylene Chloride ^a		48.5 J	100	40	ug/l	SW846 8260D
Tetrachloroethylene ^a		1580	20	4.3	ug/l	SW846 8260D
FA94916-10 MW-20						
cis-1,2-Dichloroethylene ^a		2.2 J	2.5	0.69	ug/l	SW846 8260D
Methylene Chloride ^a		10.8 J	13	5.0	ug/l	SW846 8260D
Tetrachloroethylene ^a		190	2.5	0.54	ug/l	SW846 8260D
Toluene ^a		2.1 J	2.5	0.75	ug/l	SW846 8260D
Trichloroethylene ^a		3.5	2.5	0.86	ug/l	SW846 8260D
FA94916-11 MW-19						
Methylene Chloride ^a		2680 J	5000	2000	ug/l	SW846 8260D
Tetrachloroethylene ^a		52400	1000	220	ug/l	SW846 8260D
FA94916-12 MW-34D						
Toluene ^a		2.2	1.0	0.30	ug/l	SW846 8260D
FA94916-13 MW-35D						
Toluene ^a		0.61 J	1.0	0.30	ug/l	SW846 8260D
FA94916-14 MW-37						
1,1-Dichloroethylene ^a		113 J	250	81	ug/l	SW846 8260D
Methylene Chloride ^a		661 J	1300	500	ug/l	SW846 8260D
Tetrachloroethylene ^b		27100	500	110	ug/l	SW846 8260D
1,1,1-Trichloroethane ^a		134 J	250	62	ug/l	SW846 8260D
FA94916-15 MW-33D						
Toluene ^a		0.48 J	1.0	0.30	ug/l	SW846 8260D

Summary of Hits

Job Number: FA94916
Account: Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC
Collected: 04/13/22 thru 04/14/22

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

FA94916-16 MW-1

cis-1,2-Dichloroethylene ^b	3.0	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^a	83.5	2.5	0.54	ug/l	SW846 8260D
Toluene ^b	2.3	1.0	0.30	ug/l	SW846 8260D
Trichloroethylene ^b	6.1	1.0	0.35	ug/l	SW846 8260D

FA94916-17 MW-21

cis-1,2-Dichloroethylene ^a	791	200	55	ug/l	SW846 8260D
Methylene Chloride ^a	409 J	1000	400	ug/l	SW846 8260D
Tetrachloroethylene ^a	10300	200	43	ug/l	SW846 8260D
Trichloroethylene ^a	296	200	69	ug/l	SW846 8260D
Vinyl Chloride ^c	300	200	82	ug/l	SW846 8260D

FA94916-18 IDW-01

Acetone ^a	73.3	25	10	ug/l	SW846 8260D
1,1-Dichloroethylene ^a	7.7	1.0	0.32	ug/l	SW846 8260D
cis-1,2-Dichloroethylene ^a	22.6	1.0	0.28	ug/l	SW846 8260D
Tetrachloroethylene ^b	1400	20	4.3	ug/l	SW846 8260D
Toluene ^a	1.5	1.0	0.30	ug/l	SW846 8260D
1,1,1-Trichloroethane ^a	10.9	1.0	0.25	ug/l	SW846 8260D
Trichloroethylene ^a	12.0	1.0	0.35	ug/l	SW846 8260D
Chromium	1.7 J	10	1.0	ug/l	SW846 6010D
Copper	1.2 J	25	1.0	ug/l	SW846 6010D
Silver	1.2 J	5.0	0.70	ug/l	SW846 6010D
Zinc	21.6	20	4.4	ug/l	SW846 6010D

FA94916-19 TRIP BLANK-MR

Toluene ^a	2.4	1.0	0.30	ug/l	SW846 8260D

FA94916-20 TRIP BLANK-JB

Toluene ^d	3.3	1.0	0.30	ug/l	SW846 8260D

- (a) Sample was not preserved to a pH < 2.
(b) Sample was not preserved to a pH < 2. Sample re-analyzed beyond hold time.
(c) Sample was not preserved to a pH < 2. Associated CCV outside of control limits high. Results confirmed by re-analysis beyond hold time.
(d) Sample was not preserved to a pH < 2. Confirmed by re-analysis.



Orlando, FL

Section 4

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-14D	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-1	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67493.D	1	04/20/22 14:46	JL	n/a	n/a	VO2674
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.85	1.0	0.32	ug/l	J
156-59-2	cis-1,2-Dichloroethylene	0.46	1.0	0.28	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	50.5	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	0.57	1.0	0.35	ug/l	J

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14D	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-1	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14D-A	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-2	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67494.D	1	04/20/22 15:11	JL	n/a	n/a	VO2674
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.85	1.0	0.32	ug/l	J
156-59-2	cis-1,2-Dichloroethylene	0.47	1.0	0.28	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	53.4	1.0	0.22	ug/l	
108-88-3	Toluene	0.31	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14D-A	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-2	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-3	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67588.D	1	04/22/22 06:15	JL	n/a	n/a	VO2677
Run #2 ^b	O67501.D	2	04/20/22 18:05	JL	n/a	n/a	VO2674

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND ^c	50	20	ug/l	
71-43-2	Benzene	ND ^c	2.0	0.62	ug/l	
75-27-4	Bromodichloromethane	ND ^c	2.0	0.48	ug/l	
75-25-2	Bromoform	ND ^c	2.0	0.81	ug/l	
78-93-3	2-Butanone (MEK)	ND ^c	10	4.0	ug/l	
75-15-0	Carbon Disulfide	ND ^c	4.0	1.1	ug/l	
56-23-5	Carbon Tetrachloride	ND ^c	2.0	0.71	ug/l	
108-90-7	Chlorobenzene	ND ^c	2.0	0.40	ug/l	
75-00-3	Chloroethane	ND ^c	4.0	1.3	ug/l	
67-66-3	Chloroform	ND ^c	2.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND ^c	2.0	0.55	ug/l	
75-34-3	1,1-Dichloroethane	ND ^c	2.0	0.68	ug/l	
107-06-2	1,2-Dichloroethane	ND ^c	2.0	0.62	ug/l	
75-35-4	1,1-Dichloroethylene	ND ^c	2.0	0.64	ug/l	
156-59-2	cis-1,2-Dichloroethylene	2.3	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND ^c	2.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND ^c	2.0	0.85	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND ^c	2.0	0.58	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND ^c	2.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND ^c	2.0	0.71	ug/l	
591-78-6	2-Hexanone	ND ^c	20	4.0	ug/l	
74-83-9	Methyl Bromide	ND ^c	10	4.0	ug/l	
74-87-3	Methyl Chloride	ND ^c	4.0	1.0	ug/l	
75-09-2	Methylene Chloride	ND ^c	10	4.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND ^c	10	2.0	ug/l	
100-42-5	Styrene	ND ^c	2.0	0.44	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND ^c	2.0	0.60	ug/l	
127-18-4	Tetrachloroethylene	99.3 ^c	2.0	0.43	ug/l	
108-88-3	Toluene	1.2 ^c	2.0	0.60	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND ^c	2.0	0.50	ug/l	
79-00-5	1,1,2-Trichloroethane	ND ^c	2.0	0.93	ug/l	
79-01-6	Trichloroethylene	2.7 ^c	2.0	0.69	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-3	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND ^c	2.0	0.82	ug/l	
1330-20-7	Xylene (total)	ND ^c	6.0	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	101%	79-125%
2037-26-5	Toluene-D8	101%	102%	85-112%
460-00-4	4-Bromofluorobenzene	99%	99%	83-118%

(a) Sample was not preserved to a pH < 2. Sample re-analyzed beyond hold time.

(b) Sample was not preserved to a pH < 2.

(c) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3D	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-4	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67502.D	5	04/20/22 18:30	JL	n/a	n/a	VO2674
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	130	50	ug/l	
71-43-2	Benzene	ND	5.0	1.6	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/l	
75-25-2	Bromoform	ND	5.0	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	25	10	ug/l	
75-15-0	Carbon Disulfide	ND	10	2.7	ug/l	
56-23-5	Carbon Tetrachloride	ND	5.0	1.8	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/l	
75-00-3	Chloroethane	ND	10	3.3	ug/l	
67-66-3	Chloroform	ND	5.0	1.5	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	1.7	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.6	ug/l	
75-35-4	1,1-Dichloroethylene	4.2	5.0	1.6	ug/l	J
156-59-2	cis-1,2-Dichloroethylene	7.6	5.0	1.4	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.1	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	2.1	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.5	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.1	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.8	ug/l	
591-78-6	2-Hexanone	ND	50	10	ug/l	
74-83-9	Methyl Bromide	ND	25	10	ug/l	
74-87-3	Methyl Chloride	ND	10	2.5	ug/l	
75-09-2	Methylene Chloride	ND	25	10	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	25	5.0	ug/l	
100-42-5	Styrene	ND	5.0	1.1	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.5	ug/l	
127-18-4	Tetrachloroethylene	277	5.0	1.1	ug/l	
108-88-3	Toluene	ND	5.0	1.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.3	ug/l	
79-01-6	Trichloroethylene	8.8	5.0	1.7	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3D	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-4	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	5.0	2.0	ug/l	
1330-20-7	Xylene (total)	ND	15	3.6	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.4
4

Report of Analysis

Client Sample ID:	MW-36D	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-5	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67495.D	1	04/20/22 15:36	JL	n/a	n/a	VO2674
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	0.38	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-36D	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-5	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-6	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67496.D	1	04/20/22 16:01	JL	n/a	n/a	VO2674
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.67	1.0	0.22	ug/l	J
108-88-3	Toluene	2.6	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-2	Date Sampled: 04/13/22
Lab Sample ID: FA94916-6	Date Received: 04/15/22
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260D	
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-7	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67503.D	5	04/20/22 18:55	JL	n/a	n/a	VO2674
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	130	50	ug/l	
71-43-2	Benzene	ND	5.0	1.6	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/l	
75-25-2	Bromoform	ND	5.0	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	25	10	ug/l	
75-15-0	Carbon Disulfide	ND	10	2.7	ug/l	
56-23-5	Carbon Tetrachloride	ND	5.0	1.8	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/l	
75-00-3	Chloroethane	ND	10	3.3	ug/l	
67-66-3	Chloroform	ND	5.0	1.5	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	1.7	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.6	ug/l	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.6	ug/l	
156-59-2	cis-1,2-Dichloroethylene	7.6	5.0	1.4	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.1	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	2.1	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.5	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.1	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.8	ug/l	
591-78-6	2-Hexanone	ND	50	10	ug/l	
74-83-9	Methyl Bromide	ND	25	10	ug/l	
74-87-3	Methyl Chloride	ND	10	2.5	ug/l	
75-09-2	Methylene Chloride	ND	25	10	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	25	5.0	ug/l	
100-42-5	Styrene	ND	5.0	1.1	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.5	ug/l	
127-18-4	Tetrachloroethylene	267	5.0	1.1	ug/l	
108-88-3	Toluene	ND	5.0	1.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.3	ug/l	
79-01-6	Trichloroethylene	46.2	5.0	1.7	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-7	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	5.0	2.0	ug/l	
1330-20-7	Xylene (total)	ND	15	3.6	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.7
4

Report of Analysis

Client Sample ID:	MW-24	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-8	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67557.D	25	04/21/22 17:26	JL	n/a	n/a	VO2676
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	630	250	ug/l	
71-43-2	Benzene	ND	25	7.8	ug/l	
75-27-4	Bromodichloromethane	ND	25	6.1	ug/l	
75-25-2	Bromoform	ND	25	10	ug/l	
78-93-3	2-Butanone (MEK)	ND	130	50	ug/l	
75-15-0	Carbon Disulfide	ND	50	13	ug/l	
56-23-5	Carbon Tetrachloride	ND	25	8.9	ug/l	
108-90-7	Chlorobenzene	ND	25	5.0	ug/l	
75-00-3	Chloroethane	ND	50	17	ug/l	
67-66-3	Chloroform	ND	25	7.5	ug/l	
124-48-1	Dibromochloromethane	ND	25	6.9	ug/l	
75-34-3	1,1-Dichloroethane	ND	25	8.5	ug/l	
107-06-2	1,2-Dichloroethane	ND	25	7.8	ug/l	
75-35-4	1,1-Dichloroethylene	ND	25	8.1	ug/l	
156-59-2	cis-1,2-Dichloroethylene	9.1	25	6.9	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	25	5.5	ug/l	
78-87-5	1,2-Dichloropropane	ND	25	11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.3	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	25	5.4	ug/l	
100-41-4	Ethylbenzene	ND	25	8.9	ug/l	
591-78-6	2-Hexanone	ND	250	50	ug/l	
74-83-9	Methyl Bromide ^b	ND	130	50	ug/l	
74-87-3	Methyl Chloride	ND	50	13	ug/l	
75-09-2	Methylene Chloride	59.3	130	50	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	130	25	ug/l	
100-42-5	Styrene	ND	25	5.6	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	7.5	ug/l	
127-18-4	Tetrachloroethylene	1670	25	5.4	ug/l	
108-88-3	Toluene	ND	25	7.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	25	6.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	25	12	ug/l	
79-01-6	Trichloroethylene	ND	25	8.6	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-24	Date Sampled: 04/14/22
Lab Sample ID: FA94916-8	Date Received: 04/15/22
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260D	
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	25	10	ug/l	
1330-20-7	Xylene (total)	ND	75	18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Sample was not preserved to a pH < 2.

(b) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-24-A	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-9	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67558.D	20	04/21/22 17:51	JL	n/a	n/a	VO2676
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	500	200	ug/l	
71-43-2	Benzene	ND	20	6.2	ug/l	
75-27-4	Bromodichloromethane	ND	20	4.8	ug/l	
75-25-2	Bromoform	ND	20	8.1	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	40	ug/l	
75-15-0	Carbon Disulfide	ND	40	11	ug/l	
56-23-5	Carbon Tetrachloride	ND	20	7.1	ug/l	
108-90-7	Chlorobenzene	ND	20	4.0	ug/l	
75-00-3	Chloroethane	ND	40	13	ug/l	
67-66-3	Chloroform	ND	20	6.0	ug/l	
124-48-1	Dibromochloromethane	ND	20	5.5	ug/l	
75-34-3	1,1-Dichloroethane	ND	20	6.8	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	6.2	ug/l	
75-35-4	1,1-Dichloroethylene	ND	20	6.4	ug/l	
156-59-2	cis-1,2-Dichloroethylene	9.6	20	5.5	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	20	4.4	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	8.5	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	20	5.8	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	4.3	ug/l	
100-41-4	Ethylbenzene	ND	20	7.1	ug/l	
591-78-6	2-Hexanone	ND	200	40	ug/l	
74-83-9	Methyl Bromide ^b	ND	100	40	ug/l	
74-87-3	Methyl Chloride	ND	40	10	ug/l	
75-09-2	Methylene Chloride	48.5	100	40	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	100	20	ug/l	
100-42-5	Styrene	ND	20	4.4	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	6.0	ug/l	
127-18-4	Tetrachloroethylene	1580	20	4.3	ug/l	
108-88-3	Toluene	ND	20	6.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	5.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	9.3	ug/l	
79-01-6	Trichloroethylene	ND	20	6.9	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-24-A	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-9	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	20	8.2	ug/l	
1330-20-7	Xylene (total)	ND	60	14	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Sample was not preserved to a pH < 2.

(b) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-10	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67559.D	2.5	04/21/22 18:16	JL	n/a	n/a	VO2676
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	63	25	ug/l	
71-43-2	Benzene	ND	2.5	0.78	ug/l	
75-27-4	Bromodichloromethane	ND	2.5	0.61	ug/l	
75-25-2	Bromoform	ND	2.5	1.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	13	5.0	ug/l	
75-15-0	Carbon Disulfide	ND	5.0	1.3	ug/l	
56-23-5	Carbon Tetrachloride	ND	2.5	0.89	ug/l	
108-90-7	Chlorobenzene	ND	2.5	0.50	ug/l	
75-00-3	Chloroethane	ND	5.0	1.7	ug/l	
67-66-3	Chloroform	ND	2.5	0.75	ug/l	
124-48-1	Dibromochloromethane	ND	2.5	0.69	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.5	0.85	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.5	0.78	ug/l	
75-35-4	1,1-Dichloroethylene	ND	2.5	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethylene	2.2	2.5	0.69	ug/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	2.5	0.55	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.5	1.1	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.73	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.54	ug/l	
100-41-4	Ethylbenzene	ND	2.5	0.89	ug/l	
591-78-6	2-Hexanone	ND	25	5.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	13	5.0	ug/l	
74-87-3	Methyl Chloride	ND	5.0	1.3	ug/l	
75-09-2	Methylene Chloride	10.8	13	5.0	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	13	2.5	ug/l	
100-42-5	Styrene	ND	2.5	0.56	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.75	ug/l	
127-18-4	Tetrachloroethylene	190	2.5	0.54	ug/l	
108-88-3	Toluene	2.1	2.5	0.75	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.62	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.5	1.2	ug/l	
79-01-6	Trichloroethylene	3.5	2.5	0.86	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-10	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	2.5	1.0	ug/l	
1330-20-7	Xylene (total)	ND	7.5	1.8	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Sample was not preserved to a pH < 2.

(b) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-11	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67560.D	1000	04/21/22 18:40	JL	n/a	n/a	VO2676
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25000	10000	ug/l	
71-43-2	Benzene	ND	1000	310	ug/l	
75-27-4	Bromodichloromethane	ND	1000	240	ug/l	
75-25-2	Bromoform	ND	1000	410	ug/l	
78-93-3	2-Butanone (MEK)	ND	5000	2000	ug/l	
75-15-0	Carbon Disulfide	ND	2000	530	ug/l	
56-23-5	Carbon Tetrachloride	ND	1000	360	ug/l	
108-90-7	Chlorobenzene	ND	1000	200	ug/l	
75-00-3	Chloroethane	ND	2000	670	ug/l	
67-66-3	Chloroform	ND	1000	300	ug/l	
124-48-1	Dibromochloromethane	ND	1000	280	ug/l	
75-34-3	1,1-Dichloroethane	ND	1000	340	ug/l	
107-06-2	1,2-Dichloroethane	ND	1000	310	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1000	320	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1000	280	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1000	220	ug/l	
78-87-5	1,2-Dichloropropane	ND	1000	430	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1000	290	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1000	210	ug/l	
100-41-4	Ethylbenzene	ND	1000	360	ug/l	
591-78-6	2-Hexanone	ND	10000	2000	ug/l	
74-83-9	Methyl Bromide ^b	ND	5000	2000	ug/l	
74-87-3	Methyl Chloride	ND	2000	500	ug/l	
75-09-2	Methylene Chloride	2680	5000	2000	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5000	1000	ug/l	
100-42-5	Styrene	ND	1000	220	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1000	300	ug/l	
127-18-4	Tetrachloroethylene	52400	1000	220	ug/l	
108-88-3	Toluene	ND	1000	300	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1000	250	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1000	470	ug/l	
79-01-6	Trichloroethylene	ND	1000	350	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-11	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1000	410	ug/l	
1330-20-7	Xylene (total)	ND	3000	720	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Sample was not preserved to a pH < 2.

(b) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-34D	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-12	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67554.D	1	04/21/22 16:12	JL	n/a	n/a	VO2676
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	2.2	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-34D	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-12	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Sample was not preserved to a pH < 2.

(b) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-35D	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-13	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

Run	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67555.D	1	04/21/22 16:36	JL	n/a	n/a	VO2676
Run #2							

Run	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	0.61	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-35D	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-13	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Sample was not preserved to a pH < 2.

(b) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-37	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-14	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67561.D	250	04/21/22 19:05	JL	n/a	n/a	VO2676
Run #2 ^b	O67649.D	500	04/23/22 08:14	CF	n/a	n/a	VO2679

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	6300	2500	ug/l	
71-43-2	Benzene	ND	250	78	ug/l	
75-27-4	Bromodichloromethane	ND	250	61	ug/l	
75-25-2	Bromoform	ND	250	100	ug/l	
78-93-3	2-Butanone (MEK)	ND	1300	500	ug/l	
75-15-0	Carbon Disulfide	ND	500	130	ug/l	
56-23-5	Carbon Tetrachloride	ND	250	89	ug/l	
108-90-7	Chlorobenzene	ND	250	50	ug/l	
75-00-3	Chloroethane	ND	500	170	ug/l	
67-66-3	Chloroform	ND	250	75	ug/l	
124-48-1	Dibromochloromethane	ND	250	69	ug/l	
75-34-3	1,1-Dichloroethane	ND	250	85	ug/l	
107-06-2	1,2-Dichloroethane	ND	250	78	ug/l	
75-35-4	1,1-Dichloroethylene	113	250	81	ug/l	J
156-59-2	cis-1,2-Dichloroethylene	ND	250	69	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	250	55	ug/l	
78-87-5	1,2-Dichloropropane	ND	250	110	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	250	73	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	250	54	ug/l	
100-41-4	Ethylbenzene	ND	250	89	ug/l	
591-78-6	2-Hexanone	ND	2500	500	ug/l	
74-83-9	Methyl Bromide ^c	ND	1300	500	ug/l	
74-87-3	Methyl Chloride	ND	500	130	ug/l	
75-09-2	Methylene Chloride	661	1300	500	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	1300	250	ug/l	
100-42-5	Styrene	ND	250	56	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	75	ug/l	
127-18-4	Tetrachloroethylene	27100 ^d	500	110	ug/l	
108-88-3	Toluene	ND	250	75	ug/l	
71-55-6	1,1,1-Trichloroethane	134	250	62	ug/l	J
79-00-5	1,1,2-Trichloroethane	ND	250	120	ug/l	
79-01-6	Trichloroethylene	ND	250	86	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-37	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-14	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	250	100	ug/l	
1330-20-7	Xylene (total)	ND	750	180	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	105%	79-125%
2037-26-5	Toluene-D8	103%	100%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Sample was not preserved to a pH < 2. Sample re-analyzed beyond hold time.
 (c) Associated CCV outside of control limits low.
 (d) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-33D	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-15	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67556.D	1	04/21/22 17:01	JL	n/a	n/a	VO2676
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^b	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	0.48	1.0	0.30	ug/l	J
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-33D	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-15	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Sample was not preserved to a pH < 2.

(b) Associated CCV outside control limits low.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-16	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67631.D	1	04/23/22 00:47	CF	n/a	n/a	VO2679
Run #2 ^b	O67562.D	2.5	04/21/22 19:30	JL	n/a	n/a	VO2676

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	3.0	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^c	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	83.5 ^d	2.5	0.54	ug/l	
108-88-3	Toluene	2.3	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	6.1	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-16	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	101%	79-125%
2037-26-5	Toluene-D8	101%	102%	85-112%
460-00-4	4-Bromofluorobenzene	99%	99%	83-118%

(a) Sample was not preserved to a pH < 2. Sample re-analyzed beyond hold time.

(b) Sample was not preserved to a pH < 2.

(c) Associated CCV outside of control limits low.

(d) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-17	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	C0155536.D	200	04/21/22 16:15	LV	n/a	n/a	VC6262
Run #2 ^b	I747203.D	200	04/23/22 09:40	LV	n/a	n/a	VI2527

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5000	2000	ug/l	
71-43-2	Benzene	ND	200	62	ug/l	
75-27-4	Bromodichloromethane	ND	200	48	ug/l	
75-25-2	Bromoform	ND	200	81	ug/l	
78-93-3	2-Butanone (MEK)	ND	1000	400	ug/l	
75-15-0	Carbon Disulfide	ND	400	110	ug/l	
56-23-5	Carbon Tetrachloride	ND	200	71	ug/l	
108-90-7	Chlorobenzene	ND	200	40	ug/l	
75-00-3	Chloroethane ^c	ND	400	130	ug/l	
67-66-3	Chloroform	ND	200	60	ug/l	
124-48-1	Dibromochloromethane	ND	200	55	ug/l	
75-34-3	1,1-Dichloroethane	ND	200	68	ug/l	
107-06-2	1,2-Dichloroethane	ND	200	62	ug/l	
75-35-4	1,1-Dichloroethylene	ND	200	64	ug/l	
156-59-2	cis-1,2-Dichloroethylene	791	200	55	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	200	44	ug/l	
78-87-5	1,2-Dichloropropane	ND	200	85	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	200	58	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	200	43	ug/l	
100-41-4	Ethylbenzene	ND	200	71	ug/l	
591-78-6	2-Hexanone	ND	2000	400	ug/l	
74-83-9	Methyl Bromide ^d	ND	1000	400	ug/l	
74-87-3	Methyl Chloride ^e	ND	400	100	ug/l	
75-09-2	Methylene Chloride	409	1000	400	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	1000	200	ug/l	
100-42-5	Styrene	ND	200	44	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	200	60	ug/l	
127-18-4	Tetrachloroethylene	10300	200	43	ug/l	
108-88-3	Toluene	ND	200	60	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	50	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	200	93	ug/l	
79-01-6	Trichloroethylene	296	200	69	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-17	Date Received:	04/15/22
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride ^f	300	200	82	ug/l	
1330-20-7	Xylene (total)	ND	600	140	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	97%	79-125%
2037-26-5	Toluene-D8	94%	100%	85-112%
460-00-4	4-Bromofluorobenzene	101%	97%	83-118%

(a) Sample was not preserved to a pH < 2.

(b) Sample was not preserved to a pH < 2. Sample was analyzed beyond the 12 hour analysis window. Confirmation run beyond holdtime.

(c) Associated Initial Calibration invalid; sample is ND. Results confirmed by re-analysis beyond hold time.

(d) Associated CCV and BS recovery outside control limits high, sample was ND.

(e) Associated CCV outside of control limits high, sample was ND.

(f) Associated CCV outside of control limits high. Results confirmed by re-analysis beyond hold time.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IDW-01	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-18	Date Received:	04/15/22
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	C0155537.D	1	04/21/22 16:38	LV	n/a	n/a	VC6262
Run #2 ^b	I747258.D	20	04/26/22 04:55	LR	n/a	n/a	VI2529

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	73.3	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane ^c	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	7.7	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	22.6	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide ^d	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride ^e	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	1400 ^f	20	4.3	ug/l	
108-88-3	Toluene	1.5	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	10.9	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	12.0	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IDW-01	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-18	Date Received:	04/15/22
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND ^f	20	8.2	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	98%	79-125%
2037-26-5	Toluene-D8	93%	99%	85-112%
460-00-4	4-Bromofluorobenzene	101%	99%	83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Sample was not preserved to a pH < 2. Sample re-analyzed beyond hold time.
 (c) Associated Initial Calibration invalid.
 (d) Associated CCV and BS recovery outside control limits high, sample was ND.
 (e) Associated CCV outside of control limits high, sample was ND.
 (f) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IDW-01	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-18	Date Received:	04/15/22
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270E SW846 3510C		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9I014929.D	1	04/23/22 00:07	WH	04/21/22 07:00	OP90866	S9I534
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	49	9.8	ug/l	
59-50-7	4-Chloro-3-methyl Phenol	ND	4.9	0.58	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	0.62	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	0.82	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	0.72	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	4.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	2.0	ug/l	
95-48-7	2-Methylphenol	ND	4.9	0.55	ug/l	
	3&4-Methylphenol	ND	4.9	0.96	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	0.84	ug/l	
100-02-7	4-Nitrophenol	ND	25	4.9	ug/l	
87-86-5	Pentachlorophenol	ND	25	4.9	ug/l	
108-95-2	Phenol	ND	4.9	0.49	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	0.73	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	0.74	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.61	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.63	ug/l	
120-12-7	Anthracene	ND	4.9	0.78	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.75	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.77	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.76	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	0.81	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.84	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.60	ug/l	
101-55-3	4-Bromophenyl Phenyl Ether	ND	4.9	0.83	ug/l	
85-68-7	Butyl Benzyl Phthalate	ND	4.9	0.98	ug/l	
86-74-8	Carbazole	ND	4.9	0.59	ug/l	
106-47-8	4-Chloroaniline	ND	4.9	0.62	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.79	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	0.72	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	4.9	0.74	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.49	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IDW-01	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-18	Date Received:	04/15/22
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270E SW846 3510C		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
7005-72-3	4-Chlorophenyl Phenyl Ether	ND	4.9	0.53	ug/l	
218-01-9	Chrysene	ND	4.9	0.83	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	0.79	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.59	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.49	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.49	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.49	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	4.9	0.63	ug/l	
84-66-2	Diethyl Phthalate	ND	4.9	0.98	ug/l	
131-11-3	Dimethyl Phthalate	ND	4.9	0.98	ug/l	
84-74-2	Di-n-butyl Phthalate	ND	4.9	0.98	ug/l	
117-84-0	Di-n-octyl Phthalate	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	0.80	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	0.70	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	0.98	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.54	ug/l	
86-73-7	Fluorene	ND	4.9	0.69	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.68	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	1.8	ug/l	
67-72-1	Hexachloroethane	ND	4.9	1.6	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	0.70	ug/l	
78-59-1	Isophorone	ND	4.9	0.76	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.59	ug/l	
91-20-3	Naphthalene	ND	4.9	0.49	ug/l	
88-74-4	2-Nitroaniline	ND	4.9	1.8	ug/l	
99-09-2	3-Nitroaniline	ND	4.9	0.86	ug/l	
100-01-6	4-Nitroaniline	ND	4.9	1.1	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.91	ug/l	
621-64-7	N-Nitrosodi-n-propylamine	ND	4.9	0.66	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	0.79	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.85	ug/l	
129-00-0	Pyrene	ND	4.9	0.67	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	21%		14-67%
4165-62-2	Phenol-d5	17%		10-50%
118-79-6	2,4,6-Tribromophenol	61%		33-118%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IDW-01	Date Sampled:	04/14/22
Lab Sample ID:	FA94916-18	Date Received:	04/15/22
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270E SW846 3510C		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	55%		42-108%
321-60-8	2-Fluorobiphenyl	60%		40-106%
1718-51-0	Terphenyl-d14	63%		39-121%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.18
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Report of Analysis

Client Sample ID: IDW-01	Date Sampled: 04/14/22
Lab Sample ID: FA94916-18	Date Received: 04/15/22
Matrix: AQ - Water	Percent Solids: n/a
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC	

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analized By	Method	Prep Method
Antimony	1.0 U	6.0	1.0	ug/l	1	04/25/22	04/26/22 LM	SW846 6010D ²	SW846 3010A ⁴
Arsenic	1.3 U	10	1.3	ug/l	1	04/25/22	04/26/22 LM	SW846 6010D ²	SW846 3010A ⁴
Beryllium	0.20 U	4.0	0.20	ug/l	1	04/25/22	04/26/22 LM	SW846 6010D ²	SW846 3010A ⁴
Cadmium	0.20 U	5.0	0.20	ug/l	1	04/25/22	04/26/22 LM	SW846 6010D ²	SW846 3010A ⁴
Chromium	1.7 J	10	1.0	ug/l	1	04/25/22	04/26/22 LM	SW846 6010D ²	SW846 3010A ⁴
Copper	1.2 J	25	1.0	ug/l	1	04/25/22	04/26/22 LM	SW846 6010D ²	SW846 3010A ⁴
Lead	1.1 U	5.0	1.1	ug/l	1	04/25/22	04/26/22 LM	SW846 6010D ²	SW846 3010A ⁴
Mercury	0.030 U	0.50	0.030	ug/l	1	04/25/22	04/25/22 JC	SW846 7470A ¹	SW846 7470A ³
Nickel	0.40 U	40	0.40	ug/l	1	04/25/22	04/26/22 LM	SW846 6010D ²	SW846 3010A ⁴
Selenium	2.9 U	10	2.9	ug/l	1	04/25/22	04/26/22 LM	SW846 6010D ²	SW846 3010A ⁴
Silver	1.2 J	5.0	0.70	ug/l	1	04/25/22	04/26/22 LM	SW846 6010D ²	SW846 3010A ⁴
Thallium	1.4 U	10	1.4	ug/l	1	04/25/22	04/26/22 LM	SW846 6010D ²	SW846 3010A ⁴
Zinc	21.6	20	4.4	ug/l	1	04/25/22	04/26/22 LM	SW846 6010D ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA18628

(2) Instrument QC Batch: MA18633

(3) Prep QC Batch: MP40604

(4) Prep QC Batch: MP40608

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	TRIP BLANK-MR	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-19	Date Received:	04/15/22
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	O67487.D	1	04/20/22 12:17	JL	n/a	n/a	VO2674
Run #2 ^b	O67571.D	1	04/21/22 23:13	JL	n/a	n/a	VO2677

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	2.4	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK-MR	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-19	Date Received:	04/15/22
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	103%	79-125%
2037-26-5	Toluene-D8	102%	101%	85-112%
460-00-4	4-Bromofluorobenzene	99%	99%	83-118%

(a) Sample was not preserved to a pH < 2.

(b) Confirmation run beyond holdtime. Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK-JB	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-20	Date Received:	04/15/22
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2P88123.D	1	04/20/22 12:16	CF	n/a	n/a	V2P3459
Run #2 ^b	Y62730.D	1	04/21/22 13:52	CF	n/a	n/a	VY2606

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene ^c	3.3	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK-JB	Date Sampled:	04/13/22
Lab Sample ID:	FA94916-20	Date Received:	04/15/22
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	AECOMSCG: Delavan Spray Technologies; Bamberg, SC		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	103%	79-125%
2037-26-5	Toluene-D8	101%	94%	85-112%
460-00-4	4-Bromofluorobenzene	104%	105%	83-118%

- (a) Sample was not preserved to a pH < 2.
 (b) Sample was not preserved to a pH < 2. Confirmation run.
 (c) Confirmed by re-analysis.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



SGS North America Inc - Orlando

Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.sgs.com

SGS - ORLANDO JOB #:

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Client / Reporting Information			Project Information			Analytical Information										Matrix Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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SGS Orlando Sample #			Field ID / Point of Collection			DATE			TIME			SAMPLED BY:			TOTAL # OF BOTTLES			OTHER			NONE			IC			NOH			PNO3			PNO4			PNO5			PNO6			PNO7			PNO8			PNO9			PNO10			PNO11			PNO12			PNO13			PNO14			PNO15			PNO16			PNO17			PNO18			PNO19			PNO20			PNO21			PNO22			PNO23			PNO24			PNO25			PNO26			PNO27			PNO28			PNO29			PNO30			PNO31			PNO32			PNO33			PNO34			PNO35			PNO36			PNO37			PNO38			PNO39			PNO40			PNO41			PNO42			PNO43			PNO44			PNO45			PNO46			PNO47			PNO48			PNO49			PNO50			PNO51			PNO52			PNO53			PNO54			PNO55			PNO56			PNO57			PNO58			PNO59			PNO60			PNO61			PNO62			PNO63			PNO64			PNO65			PNO66			PNO67			PNO68			PNO69			PNO70			PNO71			PNO72			PNO73			PNO74			PNO75			PNO76			PNO77			PNO78			PNO79			PNO80			PNO81			PNO82			PNO83			PNO84			PNO85			PNO86			PNO87			PNO88			PNO89			PNO90			PNO91			PNO92			PNO93			PNO94			PNO95			PNO96			PNO97			PNO98			PNO99			PNO100			PNO101			PNO102			PNO103			PNO104			PNO105			PNO106			PNO107			PNO108			PNO109			PNO110			PNO111			PNO112			PNO113			PNO114			PNO115			PNO116			PNO117			PNO118			PNO119			PNO120			PNO121			PNO122			PNO123			PNO124			PNO125			PNO126			PNO127			PNO128			PNO129			PNO130			PNO131			PNO132			PNO133			PNO134			PNO135			PNO136			PNO137			PNO138			PNO139			PNO140			PNO141			PNO142			PNO143			PNO144			PNO145			PNO146			PNO147			PNO148			PNO149			PNO150			PNO151			PNO152			PNO153			PNO154			PNO155			PNO156			PNO157			PNO158			PNO159			PNO160			PNO161			PNO162			PNO163			PNO164			PNO165			PNO166			PNO167			PNO168			PNO169			PNO170			PNO171			PNO172			PNO173			PNO174			PNO175			PNO176			PNO177			PNO178			PNO179			PNO180			PNO181			PNO182			PNO183			PNO184			PNO185			PNO186			PNO187			PNO188			PNO189			PNO190			PNO191			PNO192			PNO193			PNO194			PNO195			PNO196			PNO197			PNO198			PNO199			PNO200			PNO201			PNO202			PNO203			PNO204			PNO205			PNO206			PNO207			PNO208			PNO209			PNO210			PNO211			PNO212			PNO213			PNO214			PNO215			PNO216			PNO217			PNO218			PNO219			PNO220			PNO221			PNO222			PNO223			PNO224			PNO225			PNO226			PNO227			PNO228			PNO229			PNO230			PNO231			PNO232			PNO233			PNO234			PNO235			PNO236			PNO237			PNO238			PNO239			PNO240			PNO241			PNO242			PNO243			PNO244			PNO245			PNO246			PNO247			PNO248			PNO249			PNO250			PNO251			PNO252			PNO253			PNO254			PNO255			PNO256			PNO257			PNO258			PNO259			PNO260			PNO261			PNO262			PNO263			PNO264			PNO265			PNO266			PNO267			PNO268			PNO269			PNO270			PNO271			PNO272			PNO273			PNO274			PNO275			PNO276			PNO277			PNO278			PNO279			PNO280			PNO281			PNO282			PNO283			PNO284			PNO285			PNO286			PNO287			PNO288			PNO289			PNO290			PNO291			PNO292			PNO293			PNO294			PNO295			PNO296			PNO297			PNO298			PNO299			PNO300			PNO301			PNO302			PNO303			PNO304			PNO305			PNO306			PNO307			PNO308			PNO309			PNO310			PNO311			PNO312			PNO313			PNO314			PNO315			PNO316			PNO317			PNO318			PNO319			PNO320			PNO321			PNO322			PNO323			PNO324			PNO325			PNO326			PNO327			PNO328			PNO329			PNO330			PNO331			PNO332			PNO333			PNO334			PNO335			PNO336			PNO337			PNO338			PNO339			PNO340			PNO341			PNO342			PNO343			PNO344			PNO345			PNO346			PNO347			PNO348			PNO349			PNO350			PNO351			PNO352			PNO353			PNO354			PNO355			PNO356			PNO357			PNO358			PNO359			PNO360			PNO361			PNO362			PNO363			PNO364			PNO365			PNO366			PNO367			PNO368			PNO369			PNO370			PNO371			PNO372			PNO373			PNO374			PNO375			PNO376			PNO377			PNO378			PNO379			PNO380			PNO381			PNO382			PNO383			PNO384			PNO385			PNO386			PNO387			PNO388			PNO389			PNO390			PNO391			PNO392			PNO393			PNO394			PNO395			PNO396			PNO397			PNO398			PNO399			PNO400			PNO401			PNO402			PNO403			PNO404			PNO405			PNO406			PNO407			PNO408			PNO409			PNO410			PNO411			PNO412			PNO413			PNO414			PNO415			PNO416			PNO417			PNO418			PNO419			PNO420			PNO421			PNO422			PNO423			PNO424			PNO425			PNO426			PNO427			PNO428			PNO429			PNO430			PNO431			PNO432			PNO433			PNO434			PNO435			PNO436			PNO437			PNO438			PNO439			PNO440			PNO441			PNO442			PNO443			PNO444			PNO445			PNO446			PNO447			PNO448			PNO449			PNO450			PNO451			PNO452			PNO453			PNO454			PNO455			PNO456			PNO457			PNO458			PNO459			PNO460			PNO461			PNO462			PNO463			PNO464			PNO465			PNO466			PNO467			PNO468			PNO469			PNO470			PNO471			PNO472			PNO473			PNO474			PNO475			PNO476			PNO477			PNO478			PNO479			PNO480			PNO481			PNO482			PNO483			PNO484			PNO485			PNO486			PNO487			PNO488			PNO489			PNO490			PNO491			PNO492			PNO493			PNO494			PNO495			PNO496			PNO497			PNO498			PNO499			PNO500			PNO501			PNO502			PNO503			PNO504			PNO505			PNO506			PNO507			PNO508			PNO509			PNO510			PNO511			PNO512			PNO513			PNO514			PNO515			PNO516			PNO517			PNO518			PNO519			PNO520			PNO521			PNO522			PNO523			PNO524			PNO525			PNO526			PNO527			PNO528			PNO529			PNO530			PNO531			PNO532			PNO533			PNO534			PNO535			PNO536			PNO537			PNO538			PNO539			PNO540			PNO541			PNO542			PNO543			PNO544			PNO545			PNO546			PNO547			PNO548			PNO549			PNO550			PNO551			PNO552			PNO553			PNO554			PNO555			PNO556			PNO557			PNO558			PNO559			PNO560			PNO561			PNO562			PNO563			PNO564			PNO565			PNO566			PNO567			PNO568			PNO569			PNO570			PNO571			PNO572			PNO573			PNO574			PNO575			PNO576			PNO577			PNO578			PNO579			PNO580			PNO581			PNO582			PNO583			PNO584			PNO585			PNO586			PNO587			PNO588			PNO589			PNO590			PNO591			PNO592			PNO593			PNO594			PNO595			PNO596			PNO597			PNO598			PNO599			PNO600			PNO601			PNO602			PNO603			PNO604			PNO605			PNO606			PNO607			PNO608			PNO609			PNO610			PNO611			PNO612			PNO613			PNO614			PNO615			PNO616			PNO617			PNO618			PNO619			PNO620			PNO621			PNO622			PNO623			PNO624			PNO625			PNO626			PNO627			PNO628			PNO629			PNO630			PNO631			PNO632			PNO633			PNO634			PNO635			PNO636			PNO637			PNO638			PNO639			PNO640			PNO641			PNO642			PNO643			PNO644			PNO645			PNO646			PNO647			PNO648			PNO649			PNO650			PNO651			PNO652			PNO653			PNO654			PNO655			PNO656			PNO657			PNO658			PNO659			PNO660			PNO661			PNO662			PNO663			PNO664			PNO665			PNO666			PNO667			PNO668			PNO669			PNO670			PNO671			PNO672			PNO673			PNO674			PNO675			PNO676			PNO677			PNO678			PNO679			PNO680			PNO681			PNO682			PNO683			PNO684			PNO685			PNO686			PNO687			PNO688			PNO689			PNO690			PNO691			PNO692			PNO693			PNO694			PNO695			PNO696			PNO697			PNO698			PNO699			PNO700			PNO701			PNO702			PNO703			PNO704			PNO705			PNO706			PNO707			PNO708			PNO709			PNO710			PNO711			PNO712			PNO713			PNO714			PNO715			PNO716			PNO717			PNO718			PNO719			PNO720			PNO721			PNO722			PNO723			PNO724			PNO725			PNO726			PNO727			PNO728			PNO729			PNO730			PNO731			PNO732			PNO733			PNO734			PNO735			PNO736			PNO737			PNO738			PNO739			PNO740			PNO741			PNO742			PNO743			PNO744			PNO745			PNO746			PNO747			PNO748			PNO749			PNO750			PNO751			PNO752			PNO753			PNO754			PNO755			PNO756			PNO757			PNO758			PNO759			PNO760			PNO761			PNO762			PNO763			PNO764			PNO765			PNO766			PNO767			PNO768			PNO769			PNO770			PNO771			PNO772			PNO773			PNO774			PNO775			PNO776			PNO777			PNO778			PNO779			PNO780			PNO781			PNO782			PNO783			PNO784			PNO785			PNO786			PNO787			PNO788			PNO789			PNO790			PNO791			PNO792			PNO793			PNO794			PNO795			PNO796			PNO797			PNO798			PNO799			PNO800			PNO801			PNO802			PNO803			PNO804			PNO805			PNO806			PNO807			PNO808			PNO809			PNO810			PNO811			PNO812			PNO813			PNO814			PNO815			PNO816			PNO817			PNO818			PNO819			PNO820			PNO821			PNO822			PNO823			PNO824			PNO825			PNO826			PNO827			PNO828			PNO829			PNO830			PNO831			PNO832			PNO833			PNO834			PNO835			PNO836			PNO837			PNO838			PNO839			PNO840			PNO841			PNO842			PNO843			PNO844			PNO845			PNO846			PNO847			PNO848			PNO849			PNO850			PNO851			PNO852			PNO853			PNO854			PNO855			PNO856			PNO857			PNO858			PNO859			PNO860			PNO861			PNO862			PNO863			PNO864			PNO865			PNO866			PNO867			PNO868			PNO869			PNO870			PNO871			PNO872			PNO873			PNO874			PNO875			PNO876			PNO877			PNO878			PNO879</		

FA 94916

[illegible]

5.1

Raleigh, NC
Service Center

FA94916: Chain of Custody

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SGS Sample Receipt Summary

Job Number: FA94916

Client: AECOM

Project: UTC DELAVAN

Date / Time Received: 4/15/2022 9:30:00 AM

Delivery Method: FEDEX

Airbill #s:

Therm ID: IR 1;

Therm CF: 0.4;

of Coolers: N/A

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.4);

Cooler Information

Y or N

1. Custody Seals Present	☒	☐
2. Custody Seals Intact	☒	☐
3. Temp criteria achieved	☐	☐
4. Cooler temp verification	N/A	
5. Cooler media	N/A	

Sample Information

Y or N N/A

1. Sample labels present on bottles	☒	☐	
2. Samples preserved properly	☒	☐	
3. Sufficient volume/containers recvd for analysis:	☒	☐	
4. Condition of sample	Intact		
5. Sample recvd within HT	☒	☐	
6. Dates/Times/IDs on COC match Sample Label	☒	☐	
7. VOCs have headspace	☐	☒	☐
8. Bottles received for unspecified tests	☐	☒	
9. Compositing instructions clear	☐	☐	☒
10. Voa Soil Kits/Jars received past 48hrs?	☐	☐	☒
11. % Solids Jar received?	☐	☐	☒
12. Residual Chlorine Present?	☐	☐	☒

Trip Blank Information

Y or N N/A

1. Trip Blank present / cooler	☒	☐	☐
2. Trip Blank listed on COC	☒	☐	☐

W or S N/A

3. Type Of TB Received	☒	☐	☐

Misc. Information

Number of Encores: 25-Gram _____ 5-Gram _____

Number of 5035 Field Kits: _____

Number of Lab Filtered Metals: _____

Test Strip Lot #s: pH 0-3 _____ 230315 _____

pH 10-12 _____ 219813A _____

Other: (Specify) _____

Residual Chlorine Test Strip Lot #: _____

Comments

SM001
Rev. Date 05/24/17

Technician: SAMUELM

Date: 4/15/2022 9:30:00 AM

Reviewer: _____

Date: _____

FA94916: Chain of Custody

Page 3 of 3

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Page 1 of 2

Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2674-MB	O67484.D	1	04/20/22	JL	n/a	n/a	VO2674

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94916-1, FA94916-2, FA94916-3, FA94916-4, FA94916-5, FA94916-6, FA94916-7, FA94916-19

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2674-MB	O67484.D	1	04/20/22	JL	n/a	n/a	VO2674

The QC reported here applies to the following samples: Method: SW846 8260D

FA94916-1, FA94916-2, FA94916-3, FA94916-4, FA94916-5, FA94916-6, FA94916-7, FA94916-19

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	94% 83-118%
17060-07-0	1,2-Dichloroethane-D4	101% 79-125%
2037-26-5	Toluene-D8	103% 85-112%
460-00-4	4-Bromofluorobenzene	99% 83-118%

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Method Blank Summary

Page 1 of 2

Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2P3459-MB	2P88121.D	1	04/20/22	CF	n/a	n/a	V2P3459

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94916-20

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2P3459-MB	2P88121.D	1	04/20/22	CF	n/a	n/a	V2P3459

The QC reported here applies to the following samples: Method: SW846 8260D
FA94916-20

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	101% 83-118%
17060-07-0	1,2-Dichloroethane-D4	96% 79-125%
2037-26-5	Toluene-D8	99% 85-112%
460-00-4	4-Bromofluorobenzene	105% 83-118%

Method Blank Summary

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Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2676-MB	O67542.D	1	04/21/22	JL	n/a	n/a	VO2676

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94916-8, FA94916-9, FA94916-10, FA94916-11, FA94916-12, FA94916-13, FA94916-14, FA94916-15, FA94916-16

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2676-MB	O67542.D	1	04/21/22	JL	n/a	n/a	VO2676

The QC reported here applies to the following samples: Method: SW846 8260D
FA94916-8, FA94916-9, FA94916-10, FA94916-11, FA94916-12, FA94916-13, FA94916-14, FA94916-15, FA94916-16

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 83-118%
17060-07-0	1,2-Dichloroethane-D4	103% 79-125%
2037-26-5	Toluene-D8	101% 85-112%
460-00-4	4-Bromofluorobenzene	99% 83-118%

Method Blank Summary

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Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC6262-MB	C0155529.D	1	04/21/22	LV	n/a	n/a	VC6262

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94916-17, FA94916-18

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC6262-MB	C0155529.D	1	04/21/22	LV	n/a	n/a	VC6262

The QC reported here applies to the following samples: Method: SW846 8260D
FA94916-17, FA94916-18

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	103% 83-118%
17060-07-0	1,2-Dichloroethane-D4	101% 79-125%
2037-26-5	Toluene-D8	94% 85-112%
460-00-4	4-Bromofluorobenzene	100% 83-118%

Method Blank Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2677-MB	O67570.D	1	04/21/22	JL	n/a	n/a	VO2677

The QC reported here applies to the following samples: Method: SW846 8260D

FA94916-3

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 83-118%
17060-07-0	1,2-Dichloroethane-D4	104% 79-125%
2037-26-5	Toluene-D8	101% 85-112%
460-00-4	4-Bromofluorobenzene	101% 83-118%

Method Blank Summary

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Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2679-MB ^a	O67629.D	1	04/22/22	CF	n/a	n/a	VO2679

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94916-14, FA94916-16

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2679-MB ^a	O67629.D	1	04/22/22	CF	n/a	n/a	VO2679

The QC reported here applies to the following samples: Method: SW846 8260D
FA94916-14, FA94916-16

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 83-118%
17060-07-0	1,2-Dichloroethane-D4	100% 79-125%
2037-26-5	Toluene-D8	101% 85-112%
460-00-4	4-Bromofluorobenzene	101% 83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI2529-MB ^a	I747246.D	1	04/26/22	LR	n/a	n/a	VI2529

The QC reported here applies to the following samples: Method: SW846 8260D

FA94916-18

CAS No.	Compound	Result	RL	MDL	Units	Q
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 83-118%
17060-07-0	1,2-Dichloroethane-D4	99% 79-125%
2037-26-5	Toluene-D8	98% 85-112%
460-00-4	4-Bromofluorobenzene	99% 83-118%

(a) Sample was treated with an anti-foaming agent.

Blank Spike Summary

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Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2674-BS	O67482.D	1	04/20/22	JL	n/a	n/a	VO2674

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94916-1, FA94916-2, FA94916-3, FA94916-4, FA94916-5, FA94916-6, FA94916-7, FA94916-19

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	125	100	50-147
71-43-2	Benzene	25	26.7	107	81-122
75-27-4	Bromodichloromethane	25	24.4	98	79-123
75-25-2	Bromoform	25	21.3	85	66-123
78-93-3	2-Butanone (MEK)	125	115	92	56-143
75-15-0	Carbon Disulfide	25	26.0	104	66-148
56-23-5	Carbon Tetrachloride	25	25.6	102	76-136
108-90-7	Chlorobenzene	25	25.0	100	82-124
75-00-3	Chloroethane	25	28.0	112	62-144
67-66-3	Chloroform	25	24.3	97	80-124
124-48-1	Dibromochloromethane	25	22.3	89	78-122
75-34-3	1,1-Dichloroethane	25	26.7	107	81-122
107-06-2	1,2-Dichloroethane	25	25.0	100	75-125
75-35-4	1,1-Dichloroethylene	25	27.5	110	78-137
156-59-2	cis-1,2-Dichloroethylene	25	25.6	102	78-120
156-60-5	trans-1,2-Dichloroethylene	25	26.9	108	76-127
78-87-5	1,2-Dichloropropane	25	26.7	107	76-124
10061-01-5	cis-1,3-Dichloropropene	25	25.0	100	75-118
10061-02-6	trans-1,3-Dichloropropene	25	24.6	98	80-120
100-41-4	Ethylbenzene	25	26.1	104	81-121
591-78-6	2-Hexanone	125	116	93	61-129
74-83-9	Methyl Bromide	25	23.0	92	59-143
74-87-3	Methyl Chloride	25	25.8	103	50-159
75-09-2	Methylene Chloride	25	25.7	103	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	113	90	66-122
100-42-5	Styrene	25	24.5	98	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	25.8	103	72-120
127-18-4	Tetrachloroethylene	25	25.5	102	76-135
108-88-3	Toluene	25	25.7	103	80-120
71-55-6	1,1,1-Trichloroethane	25	25.6	102	75-130
79-00-5	1,1,2-Trichloroethane	25	25.4	102	76-119
79-01-6	Trichloroethylene	25	26.6	106	81-126
75-01-4	Vinyl Chloride	25	27.2	109	69-159
1330-20-7	Xylene (total)	75	77.3	103	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2674-BS	O67482.D	1	04/20/22	JL	n/a	n/a	VO2674

The QC reported here applies to the following samples: Method: SW846 8260D

FA94916-1, FA94916-2, FA94916-3, FA94916-4, FA94916-5, FA94916-6, FA94916-7, FA94916-19

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	97%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2P3459-BS	2P88117.D	1	04/20/22	CF	n/a	n/a	V2P3459

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94916-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	115	92	50-147
71-43-2	Benzene	25	20.8	83	81-122
75-27-4	Bromodichloromethane	25	21.9	88	79-123
75-25-2	Bromoform	25	21.8	87	66-123
78-93-3	2-Butanone (MEK)	125	111	89	56-143
75-15-0	Carbon Disulfide	25	17.0	68	66-148
56-23-5	Carbon Tetrachloride	25	22.8	91	76-136
108-90-7	Chlorobenzene	25	21.3	85	82-124
75-00-3	Chloroethane	25	23.1	92	62-144
67-66-3	Chloroform	25	20.6	82	80-124
124-48-1	Dibromochloromethane	25	21.5	86	78-122
75-34-3	1,1-Dichloroethane	25	20.5	82	81-122
107-06-2	1,2-Dichloroethane	25	21.2	85	75-125
75-35-4	1,1-Dichloroethylene	25	19.6	78	78-137
156-59-2	cis-1,2-Dichloroethylene	25	21.3	85	78-120
156-60-5	trans-1,2-Dichloroethylene	25	20.1	80	76-127
78-87-5	1,2-Dichloropropane	25	21.7	87	76-124
10061-01-5	cis-1,3-Dichloropropene	25	22.4	90	75-118
10061-02-6	trans-1,3-Dichloropropene	25	22.4	90	80-120
100-41-4	Ethylbenzene	25	21.4	86	81-121
591-78-6	2-Hexanone	125	101	81	61-129
74-83-9	Methyl Bromide	25	21.2	85	59-143
74-87-3	Methyl Chloride	25	22.3	89	50-159
75-09-2	Methylene Chloride	25	19.8	79	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	101	81	66-122
100-42-5	Styrene	25	22.2	89	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	20.9	84	72-120
127-18-4	Tetrachloroethylene	25	21.2	85	76-135
108-88-3	Toluene	25	21.1	84	80-120
71-55-6	1,1,1-Trichloroethane	25	22.3	89	75-130
79-00-5	1,1,2-Trichloroethane	25	21.0	84	76-119
79-01-6	Trichloroethylene	25	22.1	88	81-126
75-01-4	Vinyl Chloride	25	24.9	100	69-159
1330-20-7	Xylene (total)	75	65.1	87	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2P3459-BS	2P88117.D	1	04/20/22	CF	n/a	n/a	V2P3459

The QC reported here applies to the following samples: Method: SW846 8260D
FA94916-20

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	102%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2676-BS	O67540.D	1	04/21/22	JL	n/a	n/a	VO2676

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94916-8, FA94916-9, FA94916-10, FA94916-11, FA94916-12, FA94916-13, FA94916-14, FA94916-15, FA94916-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	132	106	50-147
71-43-2	Benzene	25	25.7	103	81-122
75-27-4	Bromodichloromethane	25	23.6	94	79-123
75-25-2	Bromoform	25	20.6	82	66-123
78-93-3	2-Butanone (MEK)	125	121	97	56-143
75-15-0	Carbon Disulfide	25	25.1	100	66-148
56-23-5	Carbon Tetrachloride	25	25.2	101	76-136
108-90-7	Chlorobenzene	25	24.7	99	82-124
75-00-3	Chloroethane	25	25.3	101	62-144
67-66-3	Chloroform	25	23.8	95	80-124
124-48-1	Dibromochloromethane	25	22.2	89	78-122
75-34-3	1,1-Dichloroethane	25	25.7	103	81-122
107-06-2	1,2-Dichloroethane	25	24.5	98	75-125
75-35-4	1,1-Dichloroethylene	25	26.7	107	78-137
156-59-2	cis-1,2-Dichloroethylene	25	24.4	98	78-120
156-60-5	trans-1,2-Dichloroethylene	25	25.8	103	76-127
78-87-5	1,2-Dichloropropane	25	26.0	104	76-124
10061-01-5	cis-1,3-Dichloropropene	25	24.0	96	75-118
10061-02-6	trans-1,3-Dichloropropene	25	24.0	96	80-120
100-41-4	Ethylbenzene	25	25.3	101	81-121
591-78-6	2-Hexanone	125	124	99	61-129
74-83-9	Methyl Bromide	25	17.9	72	59-143
74-87-3	Methyl Chloride	25	22.8	91	50-159
75-09-2	Methylene Chloride	25	24.7	99	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	121	97	66-122
100-42-5	Styrene	25	23.7	95	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	25.3	101	72-120
127-18-4	Tetrachloroethylene	25	25.1	100	76-135
108-88-3	Toluene	25	25.2	101	80-120
71-55-6	1,1,1-Trichloroethane	25	24.4	98	75-130
79-00-5	1,1,2-Trichloroethane	25	25.0	100	76-119
79-01-6	Trichloroethylene	25	25.6	102	81-126
75-01-4	Vinyl Chloride	25	24.2	97	69-159
1330-20-7	Xylene (total)	75	75.3	100	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2676-BS	O67540.D	1	04/21/22	JL	n/a	n/a	VO2676

The QC reported here applies to the following samples: Method: SW846 8260D
FA94916-8, FA94916-9, FA94916-10, FA94916-11, FA94916-12, FA94916-13, FA94916-14, FA94916-15, FA94916-16

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC6262-BS	C0155526.D	1	04/21/22	LV	n/a	n/a	VC6262

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94916-17, FA94916-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	111	89	50-147
71-43-2	Benzene	25	28.6	114	81-122
75-27-4	Bromodichloromethane	25	26.8	107	79-123
75-25-2	Bromoform	25	21.2	85	66-123
78-93-3	2-Butanone (MEK)	125	108	86	56-143
75-15-0	Carbon Disulfide	25	32.8	131	66-148
56-23-5	Carbon Tetrachloride	25	29.8	119	76-136
108-90-7	Chlorobenzene	25	23.9	96	82-124
75-00-3	Chloroethane	25	28.1	112	62-144
67-66-3	Chloroform	25	26.5	106	80-124
124-48-1	Dibromochloromethane	25	22.5	90	78-122
75-34-3	1,1-Dichloroethane	25	29.7	119	81-122
107-06-2	1,2-Dichloroethane	25	26.1	104	75-125
75-35-4	1,1-Dichloroethylene	25	33.8	135	78-137
156-59-2	cis-1,2-Dichloroethylene	25	29.1	116	78-120
156-60-5	trans-1,2-Dichloroethylene	25	30.7	123	76-127
78-87-5	1,2-Dichloropropane	25	26.7	107	76-124
10061-01-5	cis-1,3-Dichloropropene	25	25.9	104	75-118
10061-02-6	trans-1,3-Dichloropropene	25	22.7	91	80-120
100-41-4	Ethylbenzene	25	24.7	99	81-121
591-78-6	2-Hexanone	125	107	86	61-129
74-83-9	Methyl Bromide	25	41.5	166*	59-143
74-87-3	Methyl Chloride	25	24.6	98	50-159
75-09-2	Methylene Chloride	25	27.9	112	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	104	83	66-122
100-42-5	Styrene	25	24.0	96	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	22.7	91	72-120
127-18-4	Tetrachloroethylene	25	25.2	101	76-135
108-88-3	Toluene	25	24.6	98	80-120
71-55-6	1,1,1-Trichloroethane	25	28.8	115	75-130
79-00-5	1,1,2-Trichloroethane	25	23.8	95	76-119
79-01-6	Trichloroethylene	25	26.9	108	81-126
75-01-4	Vinyl Chloride	25	29.0	116	69-159
1330-20-7	Xylene (total)	75	72.3	96	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC6262-BS	C0155526.D	1	04/21/22	LV	n/a	n/a	VC6262

The QC reported here applies to the following samples: Method: SW846 8260D
FA94916-17, FA94916-18

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	96%	85-112%
460-00-4	4-Bromofluorobenzene	101%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2677-BS	O67568.D	1	04/21/22	JL	n/a	n/a	VO2677

The QC reported here applies to the following samples: Method: SW846 8260D

FA94916-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
156-59-2	cis-1,2-Dichloroethylene	25	22.9	92	78-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2679-BS	O67627.D	1	04/22/22	CF	n/a	n/a	VO2679

The QC reported here applies to the following samples:**Method:** SW846 8260D

FA94916-14, FA94916-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	135	108	50-147
71-43-2	Benzene	25	25.1	100	81-122
75-27-4	Bromodichloromethane	25	22.4	90	79-123
75-25-2	Bromoform	25	19.1	76	66-123
78-93-3	2-Butanone (MEK)	125	127	102	56-143
75-15-0	Carbon Disulfide	25	24.3	97	66-148
56-23-5	Carbon Tetrachloride	25	23.4	94	76-136
108-90-7	Chlorobenzene	25	23.6	94	82-124
75-00-3	Chloroethane	25	28.5	114	62-144
67-66-3	Chloroform	25	22.5	90	80-124
124-48-1	Dibromochloromethane	25	20.6	82	78-122
75-34-3	1,1-Dichloroethane	25	24.8	99	81-122
107-06-2	1,2-Dichloroethane	25	22.7	91	75-125
75-35-4	1,1-Dichloroethylene	25	25.6	102	78-137
156-59-2	cis-1,2-Dichloroethylene	25	23.9	96	78-120
156-60-5	trans-1,2-Dichloroethylene	25	25.0	100	76-127
78-87-5	1,2-Dichloropropane	25	24.5	98	76-124
10061-01-5	cis-1,3-Dichloropropene	25	22.3	89	75-118
10061-02-6	trans-1,3-Dichloropropene	25	22.8	91	80-120
100-41-4	Ethylbenzene	25	24.1	96	81-121
591-78-6	2-Hexanone	125	129	103	61-129
74-83-9	Methyl Bromide	25	19.7	79	59-143
74-87-3	Methyl Chloride	25	26.1	104	50-159
75-09-2	Methylene Chloride	25	25.3	101	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	126	101	66-122
100-42-5	Styrene	25	22.5	90	78-119
79-34-5	1,1,2,2-Tetrachloroethane	25	24.3	97	72-120
127-18-4	Tetrachloroethylene	25	27.7	111	76-135
108-88-3	Toluene	25	24.3	97	80-120
71-55-6	1,1,1-Trichloroethane	25	23.6	94	75-130
79-00-5	1,1,2-Trichloroethane	25	24.3	97	76-119
79-01-6	Trichloroethylene	25	24.6	98	81-126
75-01-4	Vinyl Chloride	25	27.2	109	69-159
1330-20-7	Xylene (total)	75	71.6	95	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO2679-BS	O67627.D	1	04/22/22	CF	n/a	n/a	VO2679

The QC reported here applies to the following samples: Method: SW846 8260D
FA94916-14, FA94916-16

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI2529-BS	I747244.D	1	04/25/22	LR	n/a	n/a	VI2529

The QC reported here applies to the following samples: Method: SW846 8260D

FA94916-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
127-18-4	Tetrachloroethylene	25	28.9	116	76-135
75-01-4	Vinyl Chloride	25	27.5	110	69-159

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	102%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: FA94916

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94610-8MS	O67506.D	50	04/20/22	JL	n/a	n/a	VO2674
FA94610-8MSD	O67507.D	50	04/20/22	JL	n/a	n/a	VO2674
FA94610-8	O67499.D	50	04/20/22	JL	n/a	n/a	VO2674

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94916-1, FA94916-2, FA94916-3, FA94916-4, FA94916-5, FA94916-6, FA94916-7, FA94916-19

CAS No.	Compound	FA94610-8 ug/l	Spike Q	ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		6250	5610	90	6250	5950	95	6	50-147/21
71-43-2	Benzene	ND		1250	1290	103	1250	1270	102	2	81-122/14
75-27-4	Bromodichloromethane	ND		1250	1140	91	1250	1150	92	1	79-123/19
75-25-2	Bromoform	ND		1250	979	78	1250	997	80	2	66-123/21
78-93-3	2-Butanone (MEK)	ND		6250	5350	86	6250	5820	93	8	56-143/18
75-15-0	Carbon Disulfide	ND		1250	1230	98	1250	1220	98	1	66-148/23
56-23-5	Carbon Tetrachloride	ND		1250	1220	98	1250	1210	97	1	76-136/23
108-90-7	Chlorobenzene	ND		1250	1230	98	1250	1210	97	2	82-124/14
75-00-3	Chloroethane	ND		1250	1400	112	1250	1400	112	0	62-144/20
67-66-3	Chloroform	ND		1250	1180	94	1250	1190	95	1	80-124/15
124-48-1	Dibromochloromethane	ND		1250	1080	86	1250	1070	86	1	78-122/19
75-34-3	1,1-Dichloroethane	ND		1250	1290	103	1250	1270	102	2	81-122/15
107-06-2	1,2-Dichloroethane	ND		1250	1190	95	1250	1180	94	1	75-125/14
75-35-4	1,1-Dichloroethylene	ND		1250	1320	106	1250	1320	106	0	78-137/18
156-59-2	cis-1,2-Dichloroethylene	29.9	J	1250	1240	97	1250	1230	96	1	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND		1250	1290	103	1250	1270	102	2	76-127/17
78-87-5	1,2-Dichloropropane	ND		1250	1260	101	1250	1270	102	1	76-124/14
10061-01-5	cis-1,3-Dichloropropene	ND		1250	1160	93	1250	1150	92	1	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND		1250	1180	94	1250	1170	94	1	80-120/22
100-41-4	Ethylbenzene	ND		1250	1270	102	1250	1260	101	1	81-121/14
591-78-6	2-Hexanone	ND		6250	5600	90	6250	6010	96	7	61-129/18
74-83-9	Methyl Bromide	ND		1250	1120	90	1250	1120	90	0	59-143/19
74-87-3	Methyl Chloride	ND		1250	1280	102	1250	1270	102	1	50-159/19
75-09-2	Methylene Chloride	ND		1250	1200	96	1250	1200	96	0	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		6250	5540	89	6250	6000	96	8	66-122/16
100-42-5	Styrene	ND		1250	1160	93	1250	1170	94	1	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1250	1290	103	1250	1260	101	2	72-120/14
127-18-4	Tetrachloroethylene	1530		1250	2660	90	1250	3780	180*	35*	76-135/16
108-88-3	Toluene	ND		1250	1260	101	1250	1250	100	1	80-120/14
71-55-6	1,1,1-Trichloroethane	ND		1250	1220	98	1250	1220	98	0	75-130/16
79-00-5	1,1,2-Trichloroethane	ND		1250	1260	101	1250	1230	98	2	76-119/14
79-01-6	Trichloroethylene	120		1250	1410	103	1250	1390	102	1	81-126/15
75-01-4	Vinyl Chloride	ND		1250	1350	108	1250	1330	106	1	69-159/18
1330-20-7	Xylene (total)	ND		3750	3790	101	3750	3700	99	2	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94610-8MS	O67506.D	50	04/20/22	JL	n/a	n/a	VO2674
FA94610-8MSD	O67507.D	50	04/20/22	JL	n/a	n/a	VO2674
FA94610-8	O67499.D	50	04/20/22	JL	n/a	n/a	VO2674

The QC reported here applies to the following samples: Method: SW846 8260D

FA94916-1, FA94916-2, FA94916-3, FA94916-4, FA94916-5, FA94916-6, FA94916-7, FA94916-19

CAS No.	Surrogate Recoveries	MS	MSD	FA94610-8	Limits
1868-53-7	Dibromofluoromethane	97%	98%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	95%	96%	103%	79-125%
2037-26-5	Toluene-D8	101%	102%	102%	85-112%
460-00-4	4-Bromofluorobenzene	99%	97%	98%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: FA94916

Account: UTC Raytheon Technologies

Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94872-17MS	2P88155.D	2	04/20/22	CF	n/a	n/a	V2P3459
FA94872-17MSD	2P88157.D	2	04/20/22	CF	n/a	n/a	V2P3459
FA94872-17 ^a	2P88145.D	2	04/20/22	CF	n/a	n/a	V2P3459

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94916-20

CAS No.	Compound	FA94872-17 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD	
67-64-1	Acetone	ND		250	266	106	250	261	104	2	50-147/21
71-43-2	Benzene	ND		50	50.4	101	50	52.3	105	4	81-122/14
75-27-4	Bromodichloromethane	ND		50	52.9	106	50	53.6	107	1	79-123/19
75-25-2	Bromoform	ND		50	45.3	91	50	48.7	97	7	66-123/21
78-93-3	2-Butanone (MEK)	ND		250	251	100	250	248	99	1	56-143/18
75-15-0	Carbon Disulfide	ND		50	45.1	90	50	49.1	98	8	66-148/23
56-23-5	Carbon Tetrachloride	ND		50	59.0	118	50	58.8	118	0	76-136/23
108-90-7	Chlorobenzene	ND		50	48.0	96	50	49.6	99	3	82-124/14
75-00-3	Chloroethane	ND		50	58.5	117	50	57.7	115	1	62-144/20
67-66-3	Chloroform	ND		50	51.5	103	50	52.7	105	2	80-124/15
124-48-1	Dibromochloromethane	ND		50	49.3	99	50	50.3	101	2	78-122/19
75-34-3	1,1-Dichloroethane	ND		50	51.2	102	50	53.1	106	4	81-122/15
107-06-2	1,2-Dichloroethane	ND		50	54.4	109	50	54.0	108	1	75-125/14
75-35-4	1,1-Dichloroethylene	ND		50	53.4	107	50	54.6	109	2	78-137/18
156-59-2	cis-1,2-Dichloroethylene	ND		50	50.3	101	50	51.9	104	3	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND		50	51.2	102	50	53.1	106	4	76-127/17
78-87-5	1,2-Dichloropropane	ND		50	49.8	100	50	51.7	103	4	76-124/14
10061-01-5	cis-1,3-Dichloropropene	ND		50	51.5	103	50	52.9	106	3	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND		50	49.4	99	50	51.1	102	3	80-120/22
100-41-4	Ethylbenzene	ND		50	49.5	99	50	51.2	102	3	81-121/14
591-78-6	2-Hexanone	ND		250	223	89	250	222	89	0	61-129/18
74-83-9	Methyl Bromide	ND		50	51.2	102	50	54.3	109	6	59-143/19
74-87-3	Methyl Chloride	ND		50	51.7	103	50	51.9	104	0	50-159/19
75-09-2	Methylene Chloride	5.1	J	50	49.7	89	50	50.7	91	2	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	220	88	250	221	88	0	66-122/16
100-42-5	Styrene	ND		50	48.4	97	50	49.8	100	3	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	46.0	92	50	46.4	93	1	72-120/14
127-18-4	Tetrachloroethylene	44.9		50	94.0	98	50	93.1	96	1	76-135/16
108-88-3	Toluene	0.71	J	50	49.3	97	50	51.8	102	5	80-120/14
71-55-6	1,1,1-Trichloroethane	ND		50	56.5	113	50	58.5	117	3	75-130/16
79-00-5	1,1,2-Trichloroethane	ND		50	47.8	96	50	49.1	98	3	76-119/14
79-01-6	Trichloroethylene	6.6		50	60.8	108	50	60.5	108	0	81-126/15
75-01-4	Vinyl Chloride	ND		50	56.0	112	50	56.7	113	1	69-159/18
1330-20-7	Xylene (total)	ND		150	150	100	150	156	104	4	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: FA94916

Account: UTC Raytheon Technologies

Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94872-17MS	2P88155.D	2	04/20/22	CF	n/a	n/a	V2P3459
FA94872-17MSD	2P88157.D	2	04/20/22	CF	n/a	n/a	V2P3459
FA94872-17 ^a	2P88145.D	2	04/20/22	CF	n/a	n/a	V2P3459

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94916-20

CAS No.	Surrogate Recoveries	MS	MSD	FA94872-17	Limits
1868-53-7	Dibromofluoromethane	108%	108%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	114%	108%	108%	79-125%
2037-26-5	Toluene-D8	99%	98%	98%	85-112%
460-00-4	4-Bromofluorobenzene	103%	101%	102%	83-118%

(a) Sample was not preserved to a pH < 2.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: FA94916

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94793-1MS	O67563.D	1	04/21/22	JL	n/a	n/a	VO2676
FA94793-1MSD	O67564.D	1	04/21/22	JL	n/a	n/a	VO2676
FA94793-1	O67547.D	1	04/21/22	JL	n/a	n/a	VO2676

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94916-8, FA94916-9, FA94916-10, FA94916-11, FA94916-12, FA94916-13, FA94916-14, FA94916-15, FA94916-16

CAS No.	Compound	FA94793-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	125	129	103	125	120	96	7	50-147/21
71-43-2	Benzene	ND	25	26.4	106	25	28.1	112	6	81-122/14
75-27-4	Bromodichloromethane	ND	25	23.5	94	25	25.2	101	7	79-123/19
75-25-2	Bromoform	ND	25	19.7	79	25	21.1	84	7	66-123/21
78-93-3	2-Butanone (MEK)	ND	125	127	102	125	120	96	6	56-143/18
75-15-0	Carbon Disulfide	ND	25	24.9	100	25	26.8	107	7	66-148/23
56-23-5	Carbon Tetrachloride	ND	25	24.5	98	25	26.3	105	7	76-136/23
108-90-7	Chlorobenzene	ND	25	25.1	100	25	26.6	106	6	82-124/14
75-00-3	Chloroethane	ND	25	28.5	114	25	25.4	102	12	62-144/20
67-66-3	Chloroform	ND	25	24.1	96	25	25.5	102	6	80-124/15
124-48-1	Dibromochloromethane	ND	25	21.8	87	25	23.1	92	6	78-122/19
75-34-3	1,1-Dichloroethane	ND	25	26.3	105	25	28.2	113	7	81-122/15
107-06-2	1,2-Dichloroethane	ND	25	24.7	99	25	26.2	105	6	75-125/14
75-35-4	1,1-Dichloroethylene	ND	25	26.9	108	25	28.6	114	6	78-137/18
156-59-2	cis-1,2-Dichloroethylene	ND	25	24.7	99	25	26.4	106	7	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND	25	26.2	105	25	28.1	112	7	76-127/17
78-87-5	1,2-Dichloropropane	ND	25	26.3	105	25	27.7	111	5	76-124/14
10061-01-5	cis-1,3-Dichloropropene	ND	25	22.4	90	25	24.2	97	8	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND	25	23.7	95	25	25.4	102	7	80-120/22
100-41-4	Ethylbenzene	ND	25	25.6	102	25	26.9	108	5	81-121/14
591-78-6	2-Hexanone	ND	125	130	104	125	122	98	6	61-129/18
74-83-9	Methyl Bromide	ND	25	14.7	59	25	14.7	59	0	59-143/19
74-87-3	Methyl Chloride	ND	25	25.7	103	25	22.8	91	12	50-159/19
75-09-2	Methylene Chloride	ND	25	24.9	100	25	26.1	104	5	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	125	128	102	125	121	97	6	66-122/16
100-42-5	Styrene	ND	25	23.3	93	25	25.1	100	7	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	26.4	106	25	27.8	111	5	72-120/14
127-18-4	Tetrachloroethylene	ND	25	24.3	97	25	25.9	104	6	76-135/16
108-88-3	Toluene	ND	25	25.5	102	25	27.0	108	6	80-120/14
71-55-6	1,1,1-Trichloroethane	ND	25	24.9	100	25	26.2	105	5	75-130/16
79-00-5	1,1,2-Trichloroethane	ND	25	25.4	102	25	27.4	110	8	76-119/14
79-01-6	Trichloroethylene	ND	25	26.4	106	25	27.5	110	4	81-126/15
75-01-4	Vinyl Chloride	ND	25	26.8	107	25	24.3	97	10	69-159/18
1330-20-7	Xylene (total)	ND	75	75.4	101	75	80.0	107	6	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94793-1MS	O67563.D	1	04/21/22	JL	n/a	n/a	VO2676
FA94793-1MSD	O67564.D	1	04/21/22	JL	n/a	n/a	VO2676
FA94793-1	O67547.D	1	04/21/22	JL	n/a	n/a	VO2676

The QC reported here applies to the following samples: Method: SW846 8260D

FA94916-8, FA94916-9, FA94916-10, FA94916-11, FA94916-12, FA94916-13, FA94916-14, FA94916-15, FA94916-16

CAS No.	Surrogate Recoveries	MS	MSD	FA94793-1	Limits
1868-53-7	Dibromofluoromethane	99%	99%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	99%	104%	79-125%
2037-26-5	Toluene-D8	100%	99%	102%	85-112%
460-00-4	4-Bromofluorobenzene	97%	97%	101%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: FA94916

Account: UTC Raytheon Technologies

Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94887-4MS	C0155549.D	1	04/21/22	LV	n/a	n/a	VC6262
FA94887-4MSD	C0155550.D	1	04/21/22	LV	n/a	n/a	VC6262
FA94887-4 ^a	C0155533.D	1	04/21/22	LV	n/a	n/a	VC6262

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94916-17, FA94916-18

CAS No.	Compound	FA94887-4 ug/l	Spike Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	25 U		125	112	90	125	129	103	14	50-147/21
71-43-2	Benzene	4.6		25	34.2	118	25	35.9	125*	5	81-122/14
75-27-4	Bromodichloromethane	1.0 U		25	27.1	108	25	29.2	117	7	79-123/19
75-25-2	Bromoform	1.0 U		25	21.0	84	25	23.3	93	10	66-123/21
78-93-3	2-Butanone (MEK)	5.0 U		125	109	87	125	126	101	14	56-143/18
75-15-0	Carbon Disulfide	112	E	25	193	324* ^b	25	163	204* ^b	17	66-148/23
56-23-5	Carbon Tetrachloride	1.0 U		25	31.3	125	25	33.3	133	6	76-136/23
108-90-7	Chlorobenzene	1.0 U		25	24.2	97	25	25.3	101	4	82-124/14
75-00-3	Chloroethane	2.0 U		25	27.1	108	25	32.0	128	17	62-144/20
67-66-3	Chloroform	1.0 U		25	26.4	106	25	28.5	114	8	80-124/15
124-48-1	Dibromochloromethane	1.0 U		25	22.8	91	25	23.9	96	5	78-122/19
75-34-3	1,1-Dichloroethane	5.7		25	36.1	122	25	37.5	127*	4	81-122/15
107-06-2	1,2-Dichloroethane	1.0 U		25	26.7	107	25	27.8	111	4	75-125/14
75-35-4	1,1-Dichloroethylene	1.0 U		25	35.0	140*	25	36.8	147*	5	78-137/18
156-59-2	cis-1,2-Dichloroethylene	22.2		25	50.2	112	25	54.5	129*	8	78-120/15
156-60-5	trans-1,2-Dichloroethylene	155	E	25	183	112	25	192	148* ^b	5	76-127/17
78-87-5	1,2-Dichloropropane	1.0 U		25	27.7	111	25	29.6	118	7	76-124/14
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	15.6	62*	25	16.1	64*	3	75-118/23
10061-02-6	trans-1,3-Dichloropropene	1.0 U		25	19.3	77*	25	20.1	80	4	80-120/22
100-41-4	Ethylbenzene	1.2		25	26.5	101	25	27.2	104	3	81-121/14
591-78-6	2-Hexanone	10 U		125	109	87	125	120	96	10	61-129/18
74-83-9	Methyl Bromide	5.0 U		25	13.7	55*	25	19.2	77	33*	59-143/19
74-87-3	Methyl Chloride	2.0 U		25	31.7	127	25	39.4	158	22*	50-159/19
75-09-2	Methylene Chloride	5.0 U		25	29.0	116	25	29.7	119	2	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0 U		125	106	85	125	121	97	13	66-122/16
100-42-5	Styrene	1.0 U		25	24.4	98	25	25.1	100	3	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	23.0	92	25	24.2	97	5	72-120/14
127-18-4	Tetrachloroethylene	1.0 U		25	26.6	106	25	27.8	111	4	76-135/16
108-88-3	Toluene	74.4		25	94.6	81	25	95.6	85	1	80-120/14
71-55-6	1,1,1-Trichloroethane	1.0 U		25	29.7	119	25	31.5	126	6	75-130/16
79-00-5	1,1,2-Trichloroethane	1.0 U		25	23.4	94	25	25.2	101	7	76-119/14
79-01-6	Trichloroethylene	1.0 U		25	27.1	108	25	29.4	118	8	81-126/15
75-01-4	Vinyl Chloride	10700	E	25	10500	-800* ^b	25	11000	1200* ^b	5	69-159/18
1330-20-7	Xylene (total)	4.2		75	79.1	100	75	80.9	102	2	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: FA94916

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94887-4MS	C0155549.D	1	04/21/22	LV	n/a	n/a	VC6262
FA94887-4MSD	C0155550.D	1	04/21/22	LV	n/a	n/a	VC6262
FA94887-4 ^a	C0155533.D	1	04/21/22	LV	n/a	n/a	VC6262

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94916-17, FA94916-18

CAS No.	Surrogate Recoveries	MS	MSD	FA94887-4	Limits
1868-53-7	Dibromofluoromethane	100%	103%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	100%	99%	79-125%
2037-26-5	Toluene-D8	95%	95%	93%	85-112%
460-00-4	4-Bromofluorobenzene	100%	101%	99%	83-118%

(a) Sample was not preserved to a pH < 2.

(b) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94857-1MS	O67591.D	50	04/22/22	JL	n/a	n/a	VO2677
FA94857-1MSD	O67592.D	50	04/22/22	JL	n/a	n/a	VO2677
FA94857-1 ^a	O67590.D	50	04/22/22	JL	n/a	n/a	VO2677

The QC reported here applies to the following samples: Method: SW846 8260D

FA94916-3

CAS No.	Compound	FA94857-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
156-59-2	cis-1,2-Dichloroethylene	2640	1250	3990	108	1250	4130	119	3	78-120/15

CAS No.	Surrogate Recoveries	MS	MSD	FA94857-1	Limits
1868-53-7	Dibromofluoromethane	100%	99%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	99%	106%	79-125%
2037-26-5	Toluene-D8	100%	100%	100%	85-112%
460-00-4	4-Bromofluorobenzene	99%	97%	100%	83-118%

(a) Sample was not preserved to a pH < 2.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: FA94916

Account: UTC Raytheon Technologies

Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94872-17MS	O67650.D	1	04/23/22	CF	n/a	n/a	VO2679
FA94872-17MSD	O67651.D	1	04/23/22	CF	n/a	n/a	VO2679
FA94872-17 ^a	O67640.D	1	04/23/22	CF	n/a	n/a	VO2679

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94916-14, FA94916-16

CAS No.	Compound	FA94872-17 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	125	144	115	125	136	109	6	50-147/21
71-43-2	Benzene	ND	25	27.0	108	25	26.2	105	3	81-122/14
75-27-4	Bromodichloromethane	ND	25	24.3	97	25	23.6	94	3	79-123/19
75-25-2	Bromoform	ND	25	20.9	84	25	20.4	82	2	66-123/21
78-93-3	2-Butanone (MEK)	ND	125	144	115	125	137	110	5	56-143/18
75-15-0	Carbon Disulfide	ND	25	24.7	99	25	24.8	99	0	66-148/23
56-23-5	Carbon Tetrachloride	ND	25	24.9	100	25	24.4	98	2	76-136/23
108-90-7	Chlorobenzene	ND	25	25.5	102	25	24.5	98	4	82-124/14
75-00-3	Chloroethane	ND	25	28.8	115	25	29.2	117	1	62-144/20
67-66-3	Chloroform	ND	25	25.0	100	25	24.3	97	3	80-124/15
124-48-1	Dibromochloromethane	ND	25	22.6	90	25	21.8	87	4	78-122/19
75-34-3	1,1-Dichloroethane	ND	25	27.1	108	25	26.3	105	3	81-122/15
107-06-2	1,2-Dichloroethane	ND	25	25.2	101	25	24.3	97	4	75-125/14
75-35-4	1,1-Dichloroethylene	ND	25	27.7	111	25	26.7	107	4	78-137/18
156-59-2	cis-1,2-Dichloroethylene	ND	25	25.7	103	25	24.9	100	3	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND	25	26.9	108	25	26.2	105	3	76-127/17
78-87-5	1,2-Dichloropropane	ND	25	26.9	108	25	25.9	104	4	76-124/14
10061-01-5	cis-1,3-Dichloropropene	ND	25	23.5	94	25	23.2	93	1	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND	25	23.7	95	25	23.1	92	3	80-120/22
100-41-4	Ethylbenzene	ND	25	25.8	103	25	24.9	100	4	81-121/14
591-78-6	2-Hexanone	ND	125	150	120	125	141	113	6	61-129/18
74-83-9	Methyl Bromide	ND	25	17.2	69	25	20.5	82	18	59-143/19
74-87-3	Methyl Chloride	ND	25	26.5	106	25	26.9	108	1	50-159/19
75-09-2	Methylene Chloride	ND	25	25.4	102	25	24.8	99	2	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	125	146	117	125	138	110	6	66-122/16
100-42-5	Styrene	ND	25	22.6	90	25	22.5	90	0	78-119/23
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	28.9	116	25	27.2	109	6	72-120/14
127-18-4	Tetrachloroethylene	56.7	25	75.8	76	25	76.9	81	1	76-135/16
108-88-3	Toluene	1.4	25	28.8	110	25	26.7	101	8	80-120/14
71-55-6	1,1,1-Trichloroethane	ND	25	25.3	101	25	24.6	98	3	75-130/16
79-00-5	1,1,2-Trichloroethane	ND	25	26.8	107	25	25.7	103	4	76-119/14
79-01-6	Trichloroethylene	7.5	25	33.5	104	25	33.0	102	2	81-126/15
75-01-4	Vinyl Chloride	ND	25	27.7	111	25	28.0	112	1	69-159/18
1330-20-7	Xylene (total)	ND	75	75.9	101	75	73.6	98	3	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: FA94916

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94872-17MS	O67650.D	1	04/23/22	CF	n/a	n/a	VO2679
FA94872-17MSD	O67651.D	1	04/23/22	CF	n/a	n/a	VO2679
FA94872-17 ^a	O67640.D	1	04/23/22	CF	n/a	n/a	VO2679

The QC reported here applies to the following samples:

Method: SW846 8260D

FA94916-14, FA94916-16

CAS No.	Surrogate Recoveries	MS	MSD	FA94872-17	Limits
1868-53-7	Dibromofluoromethane	99%	100%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	100%	101%	79-125%
2037-26-5	Toluene-D8	100%	100%	102%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	101%	83-118%

(a) Sample was not preserved to a pH < 2. Confirmation run beyond hold time.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA94929-2MS	I747266.D	50	04/26/22	LR	n/a	n/a	VI2529
FA94929-2MSD	I747267.D	50	04/26/22	LR	n/a	n/a	VI2529
FA94929-2	I747256.D	50	04/26/22	LR	n/a	n/a	VI2529

The QC reported here applies to the following samples: Method: SW846 8260D

FA94916-18

CAS No.	Compound	FA94929-2 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
127-18-4	Tetrachloroethylene	3460	1250	4290	66* a	1250	4100	51* a	5	76-135/16
75-01-4	Vinyl Chloride	ND	1250	1300	104	1250	1260	101	3	69-159/18

CAS No.	Surrogate Recoveries	MS	MSD	FA94929-2	Limits
1868-53-7	Dibromofluoromethane	99%	101%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	101%	98%	79-125%
2037-26-5	Toluene-D8	103%	102%	99%	85-112%
460-00-4	4-Bromofluorobenzene	97%	98%	97%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Page 1 of 3

Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP90866-MB	9I014917.D	1	04/22/22	WH	04/21/22	OP90866	S9I534

The QC reported here applies to the following samples:**Method:** SW846 8270E

FA94916-18

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	50	10	ug/l	
59-50-7	4-Chloro-3-methyl Phenol	ND	5.0	0.59	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	0.63	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	0.84	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	0.74	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	5.0	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	0.56	ug/l	
	3&4-Methylphenol	ND	5.0	0.98	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.85	ug/l	
100-02-7	4-Nitrophenol	ND	25	5.0	ug/l	
87-86-5	Pentachlorophenol	ND	25	5.0	ug/l	
108-95-2	Phenol	ND	5.0	0.50	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.74	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.75	ug/l	
83-32-9	Acenaphthene	ND	5.0	0.63	ug/l	
208-96-8	Acenaphthylene	ND	5.0	0.64	ug/l	
120-12-7	Anthracene	ND	5.0	0.80	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	0.76	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	0.78	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	0.78	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	0.82	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	0.86	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	0.61	ug/l	
101-55-3	4-Bromophenyl Phenyl Ether	ND	5.0	0.85	ug/l	
85-68-7	Butyl Benzyl Phthalate	ND	5.0	1.0	ug/l	
86-74-8	Carbazole	ND	5.0	0.60	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.63	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.81	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.73	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	5.0	0.76	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl Phenyl Ether	ND	5.0	0.54	ug/l	
218-01-9	Chrysene	ND	5.0	0.85	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	0.80	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.60	ug/l	

Method Blank Summary

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Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP90866-MB	9I014917.D	1	04/22/22	WH	04/21/22	OP90866	S9I534

The QC reported here applies to the following samples:**Method:** SW846 8270E

FA94916-18

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.50	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.50	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.50	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.64	ug/l	
84-66-2	Diethyl Phthalate	ND	5.0	1.0	ug/l	
131-11-3	Dimethyl Phthalate	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl Phthalate	ND	5.0	1.0	ug/l	
117-84-0	Di-n-octyl Phthalate	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.81	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.71	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	1.0	ug/l	
206-44-0	Fluoranthene	ND	5.0	0.55	ug/l	
86-73-7	Fluorene	ND	5.0	0.70	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.69	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	1.8	ug/l	
67-72-1	Hexachloroethane	ND	5.0	1.6	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	0.71	ug/l	
78-59-1	Isophorone	ND	5.0	0.78	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	0.60	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	1.8	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.88	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	1.2	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.93	ug/l	
621-64-7	N-Nitrosodi-n-propylamine	ND	5.0	0.67	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.81	ug/l	
85-01-8	Phenanthrene	ND	5.0	0.86	ug/l	
129-00-0	Pyrene	ND	5.0	0.68	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.1	ug/l	

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	27% 14-67%
4165-62-2	Phenol-d5	20% 10-50%

Method Blank Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP90866-MB	9I014917.D	1	04/22/22	WH	04/21/22	OP90866	S9I534

The QC reported here applies to the following samples:

Method: SW846 8270E

FA94916-18

CAS No.	Surrogate Recoveries	Limits
118-79-6	2,4,6-Tribromophenol	67% 33-118%
4165-60-0	Nitrobenzene-d5	60% 42-108%
321-60-8	2-Fluorobiphenyl	65% 40-106%
1718-51-0	Terphenyl-d14	65% 39-121%

Blank Spike Summary

Page 1 of 3

Job Number: FA94916**Account:** UTC Raytheon Technologies**Project:** AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP90866-BS	9I014915.D	1	04/22/22	WH	04/21/22	OP90866	S9I534

The QC reported here applies to the following samples:**Method:** SW846 8270E

FA94916-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	24.6	25	10-69
59-50-7	4-Chloro-3-methyl Phenol	50	33.0	66	54-103
95-57-8	2-Chlorophenol	50	31.9	64	52-98
120-83-2	2,4-Dichlorophenol	50	34.2	68	53-103
105-67-9	2,4-Dimethylphenol	50	28.9	58	43-90
51-28-5	2,4-Dinitrophenol	100	68.9	69	44-112
534-52-1	4,6-Dinitro-o-cresol	100	81.1	81	66-121
95-48-7	2-Methylphenol	50	28.7	57	43-90
	3&4-Methylphenol	100	53.6	54	36-88
88-75-5	2-Nitrophenol	50	34.7	69	53-102
100-02-7	4-Nitrophenol	100	22.0	22	18-62
87-86-5	Pentachlorophenol	100	78.9	79	61-115
108-95-2	Phenol	50	15.8	32	19-56
95-95-4	2,4,5-Trichlorophenol	50	36.3	73	62-109
88-06-2	2,4,6-Trichlorophenol	50	35.4	71	59-107
83-32-9	Acenaphthene	50	34.8	70	61-107
208-96-8	Acenaphthylene	50	36.9	74	60-104
120-12-7	Anthracene	50	33.1	66	65-108
56-55-3	Benzo(a)anthracene	50	37.0	74	66-111
50-32-8	Benzo(a)pyrene	50	35.1	70	62-107
205-99-2	Benzo(b)fluoranthene	50	34.9	70	65-114
191-24-2	Benzo(g,h,i)perylene	50	37.5	75	66-116
207-08-9	Benzo(k)fluoranthene	50	37.9	76	65-114
100-51-6	Benzyl Alcohol	25	14.6	48 ^a	46-94
101-55-3	4-Bromophenyl Phenyl Ether	50	34.0	68	65-109
85-68-7	Butyl Benzyl Phthalate	50	36.5	73	65-112
86-74-8	Carbazole	25	19.4	78 ^a	59-113
106-47-8	4-Chloroaniline	25	14.7	58 ^a	49-105
111-91-1	bis(2-Chloroethoxy)methane	50	36.9	74	51-102
111-44-4	bis(2-Chloroethyl)ether	50	35.8	72	53-100
108-60-1	2,2'-Oxybis(1-chloropropane)	50	38.1	76	45-106
91-58-7	2-Chloronaphthalene	50	35.6	71	57-103
7005-72-3	4-Chlorophenyl Phenyl Ether	50	35.8	72	62-105
218-01-9	Chrysene	50	37.8	76	66-111
53-70-3	Dibenzo(a,h)anthracene	50	35.8	72	66-119
132-64-9	Dibenzofuran	25	18.7	74 ^a	61-106

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: FA94916

Account: UTC Raytheon Technologies

Project: AECOMSCG; Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP90866-BS	9I014915.D	1	04/22/22	WH	04/21/22	OP90866	S9I534

The QC reported here applies to the following samples:

Method: SW846 8270E

FA94916-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-50-1	1,2-Dichlorobenzene	50	34.3	69	48-97
541-73-1	1,3-Dichlorobenzene	50	34.1	68	45-95
106-46-7	1,4-Dichlorobenzene	50	34.3	69	45-98
91-94-1	3,3'-Dichlorobenzidine	25	18.0	72 ^a	46-117
84-66-2	Diethyl Phthalate	50	38.5	77	64-108
131-11-3	Dimethyl Phthalate	50	37.4	75	63-106
84-74-2	Di-n-butyl Phthalate	50	36.4	73	65-107
117-84-0	Di-n-octyl Phthalate	50	40.0	80	62-118
121-14-2	2,4-Dinitrotoluene	50	39.9	80	61-110
606-20-2	2,6-Dinitrotoluene	50	36.5	73	63-108
117-81-7	bis(2-Ethylhexyl)phthalate	50	35.7	71	61-117
206-44-0	Fluoranthene	50	36.4	73	63-106
86-73-7	Fluorene	50	37.7	75	62-108
118-74-1	Hexachlorobenzene	50	33.8	68	63-108
87-68-3	Hexachlorobutadiene	50	32.3	65	42-102
77-47-4	Hexachlorocyclopentadiene	50	34.7	69	39-102
67-72-1	Hexachloroethane	50	33.5	67	42-100
193-39-5	Indeno(1,2,3-cd)pyrene	50	36.3	73	64-119
78-59-1	Isophorone	50	34.3	69	43-87
91-57-6	2-Methylnaphthalene	25	16.3	66 ^a	51-102
91-20-3	Naphthalene	50	35.3	71	47-100
88-74-4	2-Nitroaniline	25	18.7	74 ^a	54-128
99-09-2	3-Nitroaniline	25	16.1	64 ^a	56-106
100-01-6	4-Nitroaniline	25	18.5	74 ^a	55-120
98-95-3	Nitrobenzene	50	33.6	67	50-104
621-64-7	N-Nitrosodi-n-propylamine	50	37.5	75	52-104
86-30-6	N-Nitrosodiphenylamine	50	34.3	69	64-108
85-01-8	Phenanthrene	50	36.2	72	66-110
129-00-0	Pyrene	50	37.2	74	64-113
120-82-1	1,2,4-Trichlorobenzene	50	32.2	64	45-97

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	41%	14-67%
4165-62-2	Phenol-d5	30%	10-50%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP90866-BS	9I014915.D	1	04/22/22	WH	04/21/22	OP90866	S9I534

The QC reported here applies to the following samples: Method: SW846 8270E

FA94916-18

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	68%	33-118%
4165-60-0	Nitrobenzene-d5	64%	42-108%
321-60-8	2-Fluorobiphenyl	70%	40-106%
1718-51-0	Terphenyl-d14	69%	39-121%

(a) Spike recoveries calculated from actual spike mix concentration.

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: FA94916

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP90866-BS2	9I014916.D	1	04/22/22	WH	04/21/22	OP90866	S9I534

The QC reported here applies to the following samples:

Method: SW846 8270E

FA94916-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	36%	14-67%
4165-62-2	Phenol-d5	28%	10-50%
118-79-6	2,4,6-Tribromophenol	72%	33-118%
4165-60-0	Nitrobenzene-d5	69%	42-108%
321-60-8	2-Fluorobiphenyl	72%	40-106%
1718-51-0	Terphenyl-d14	72%	39-121%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: FA94916

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP90866-MS	9I014932.D	1	04/23/22	WH	04/21/22	OP90866	S9I534
OP90866-MSD	9I014933.D	1	04/23/22	WH	04/21/22	OP90866	S9I534
FA94928-4	9I014930.D	1	04/23/22	WH	04/21/22	OP90866	S9I534

The QC reported here applies to the following samples:

Method: SW846 8270E

FA94916-18

CAS No.	Compound	FA94928-4 ug/l	Spike Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	48 U		192	54.4	28	192	62.4	32	14	10-69/39
59-50-7	4-Chloro-3-methyl Phenol	4.8 U		96.2	58.1	60	96.2	59.0	61	2	54-103/23
95-57-8	2-Chlorophenol	4.8 U		96.2	56.2	58	96.2	55.8	58	1	52-98/25
120-83-2	2,4-Dichlorophenol	4.8 U		96.2	58.3	61	96.2	57.9	60	1	53-103/26
105-67-9	2,4-Dimethylphenol	4.8 U		96.2	49.8	52	96.2	49.5	51	1	43-90/27
51-28-5	2,4-Dinitrophenol	24 U		192	128	67	192	130	68	2	44-112/25
534-52-1	4,6-Dinitro-o-cresol	9.5 U		192	144	75	192	141	73	2	66-121/23
95-48-7	2-Methylphenol	4.8 U		96.2	52.8	55	96.2	52.8	55	0	43-90/28
	3&4-Methylphenol	4.8 U		192	99.7	52	192	103	54	3	36-88/28
88-75-5	2-Nitrophenol	4.8 U		96.2	58.6	61	96.2	57.9	60	1	53-102/29
100-02-7	4-Nitrophenol	24 U		192	50.1	26	192	56.2	29	11	18-62/33
87-86-5	Pentachlorophenol	24 U		192	150	78	192	138	72	8	61-115/26
108-95-2	Phenol	4.8 U		96.2	30.6	32	96.2	34.0	35	11	19-56/35
95-95-4	2,4,5-Trichlorophenol	4.8 U		96.2	64.2	67	96.2	61.3	64	5	62-109/22
88-06-2	2,4,6-Trichlorophenol	4.8 U		96.2	60.0	62	96.2	59.3	62	1	59-107/23
83-32-9	Acenaphthene	4.8 U		96.2	61.1	64	96.2	58.9	61	4	61-107/22
208-96-8	Acenaphthylene	4.8 U		96.2	65.2	68	96.2	62.1	65	5	60-104/22
120-12-7	Anthracene	4.8 U		96.2	59.4	62*	96.2	57.0	59*	4	65-108/20
56-55-3	Benzo(a)anthracene	4.8 U		96.2	64.9	67	96.2	62.8	65*	3	66-111/22
50-32-8	Benzo(a)pyrene	4.8 U		96.2	62.1	65	96.2	60.4	63	3	62-107/23
205-99-2	Benzo(b)fluoranthene	4.8 U		96.2	63.9	66	96.2	60.0	62*	6	65-114/23
191-24-2	Benzo(g,h,i)perylene	4.8 U		96.2	66.8	69	96.2	65.7	68	2	66-116/23
207-08-9	Benzo(k)fluoranthene	4.8 U		96.2	64.6	67	96.2	65.5	68	1	65-114/24
100-51-6	Benzyl Alcohol	4.8 U		48.1	27.4	58 ^a	48.1	29.4	62 ^a	7	46-94/27
101-55-3	4-Bromophenyl Phenyl Ether	4.8 U		96.2	60.0	62*	96.2	57.9	60*	4	65-109/23
85-68-7	Butyl Benzyl Phthalate	4.8 U		96.2	65.0	68	96.2	64.0	67	2	65-112/24
86-74-8	Carbazole	4.8 U		48.1	34.3	72 ^a	48.1	33.7	70 ^a	2	59-113/21
106-47-8	4-Chloroaniline	4.8 U		48.1	24.2	50 ^a	48.1	25.8	54 ^a	6	49-105/27
111-91-1	bis(2-Chloroethoxy)methane	4.8 U		96.2	63.5	66	96.2	61.9	64	3	51-102/28
111-44-4	bis(2-Chloroethyl)ether	4.8 U		96.2	62.5	65	96.2	60.6	63	3	53-100/27
108-60-1	2,2' -Oxybis(1-chloropropane)	4.8 U		96.2	66.4	69	96.2	63.4	66	5	45-106/26
91-58-7	2-Chloronaphthalene	4.8 U		96.2	61.4	64	96.2	58.8	61	4	57-103/23
7005-72-3	4-Chlorophenyl Phenyl Ether	4.8 U		96.2	62.5	65	96.2	59.6	62	5	62-105/20
218-01-9	Chrysene	4.8 U		96.2	65.7	68	96.2	64.3	67	2	66-111/22
53-70-3	Dibenzo(a,h)anthracene	4.8 U		96.2	66.0	69	96.2	64.1	67	3	66-119/24
132-64-9	Dibenzofuran	4.8 U		48.1	32.1	66 ^a	48.1	31.2	64 ^a	3	61-106/21

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: FA94916

Account: UTC Raytheon Technologies

Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP90866-MS	9I014932.D	1	04/23/22	WH	04/21/22	OP90866	S9I534
OP90866-MSD	9I014933.D	1	04/23/22	WH	04/21/22	OP90866	S9I534
FA94928-4	9I014930.D	1	04/23/22	WH	04/21/22	OP90866	S9I534

The QC reported here applies to the following samples:

Method: SW846 8270E

FA94916-18

CAS No.	Compound	FA94928-4		Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
		ug/l	Q								
95-50-1	1,2-Dichlorobenzene	2.7	J	96.2	63.1	63	96.2	60.7	60	4	48-97/24
541-73-1	1,3-Dichlorobenzene	4.8 U		96.2	58.1	60	96.2	58.1	60	0	45-95/25
106-46-7	1,4-Dichlorobenzene	6.7		96.2	65.8	61	96.2	63.6	59	3	45-98/25
91-94-1	3,3'-Dichlorobenzidine	4.8 U		48.1	30.6	64 ^a	48.1	30.5	64 ^a	0	46-117/29
84-66-2	Diethyl Phthalate	4.8 U		96.2	67.0	70	96.2	64.9	67	3	64-108/21
131-11-3	Dimethyl Phthalate	4.8 U		96.2	65.4	68	96.2	63.3	66	3	63-106/22
84-74-2	Di-n-butyl Phthalate	5.4		96.2	70.5	68	96.2	67.8	65	4	65-107/21
117-84-0	Di-n-octyl Phthalate	4.8 U		96.2	72.9	76	96.2	70.6	73	3	62-118/24
121-14-2	2,4-Dinitrotoluene	4.8 U		96.2	69.3	72	96.2	68.0	71	2	61-110/21
606-20-2	2,6-Dinitrotoluene	4.8 U		96.2	63.0	66	96.2	61.0	63	3	63-108/21
117-81-7	bis(2-Ethylhexyl)phthalate	4.8 U		96.2	64.8	67	96.2	63.3	66	2	61-117/23
206-44-0	Fluoranthene	4.8 U		96.2	64.7	67	96.2	63.8	66	1	63-106/21
86-73-7	Fluorene	4.8 U		96.2	64.6	67	96.2	62.3	65	4	62-108/20
118-74-1	Hexachlorobenzene	4.8 U		96.2	59.9	62*	96.2	56.6	59*	6	63-108/22
87-68-3	Hexachlorobutadiene	4.8 U		96.2	56.1	58	96.2	55.2	57	2	42-102/28
77-47-4	Hexachlorocyclopentadiene	4.8 U		96.2	59.4	62	96.2	58.0	60	2	39-102/29
67-72-1	Hexachloroethane	4.8 U		96.2	57.9	60	96.2	57.0	59	2	42-100/29
193-39-5	Indeno(1,2,3-cd)pyrene	4.8 U		96.2	63.9	66	96.2	63.9	66	0	64-119/24
78-59-1	Isophorone	4.8 U		96.2	59.2	62	96.2	58.2	61	2	43-87/25
91-57-6	2-Methylnaphthalene	2.1	J	48.1	29.2	56 ^a	48.1	28.9	56 ^a	1	51-102/26
91-20-3	Naphthalene	6.9		96.2	67.7	63	96.2	65.4	61	3	47-100/29
88-74-4	2-Nitroaniline	4.8 U		48.1	33.5	70 ^a	48.1	33.1	68 ^a	1	54-128/24
99-09-2	3-Nitroaniline	4.8 U		48.1	27.1	56 ^a	48.1	27.6	58 ^a	2	56-106/27
100-01-6	4-Nitroaniline	4.8 U		48.1	32.5	68 ^a	48.1	32.3	68 ^a	1	55-120/24
98-95-3	Nitrobenzene	4.8 U		96.2	57.6	60	96.2	55.3	58	4	50-104/28
621-64-7	N-Nitrosodi-n-propylamine	4.8 U		96.2	65.7	68	96.2	63.6	66	3	52-104/25
86-30-6	N-Nitrosodiphenylamine	0.93	J	96.2	62.6	64	96.2	60.1	62*	4	64-108/23
85-01-8	Phenanthrene	4.8 U		96.2	64.0	67	96.2	62.1	65*	3	66-110/21
129-00-0	Pyrene	4.8 U		96.2	65.1	68	96.2	63.6	66	2	64-113/23
120-82-1	1,2,4-Trichlorobenzene	4.8 U		96.2	56.1	58	96.2	54.9	57	2	45-97/28

CAS No.	Surrogate Recoveries	MS	MSD	FA94928-4	Limits
367-12-4	2-Fluorophenol	38%	40%	18%	14-67%
4165-62-2	Phenol-d5	30%	33%	13%	10-50%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA94916
Account: UTC Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP90866-MS	9I014932.D	1	04/23/22	WH	04/21/22	OP90866	S9I534
OP90866-MSD	9I014933.D	1	04/23/22	WH	04/21/22	OP90866	S9I534
FA94928-4	9I014930.D	1	04/23/22	WH	04/21/22	OP90866	S9I534

The QC reported here applies to the following samples: Method: SW846 8270E

FA94916-18

CAS No.	Surrogate Recoveries	MS	MSD	FA94928-4	Limits
118-79-6	2,4,6-Tribromophenol	62%	59%	62%	33-118%
4165-60-0	Nitrobenzene-d5	57%	56%	50%	42-108%
321-60-8	2-Fluorobiphenyl	60%	58%	55%	40-106%
1718-51-0	Terphenyl-d14	63%	61%	50%	39-121%

(a) Spike recoveries calculated from actual spike mix concentration.

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA94916
Account: UTC - Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

QC Batch ID: MP40604
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 04/25/22

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.50	.03	.03	-0.032	<0.50

Associated samples MP40604: FA94916-18

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA94916
 Account: UTC - Raytheon Technologies
 Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

QC Batch ID: MP40604
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 04/25/22 04/25/22

Metal	FA95013-2 Original	DUP	RPD	QC Limits	FA95013-2 Original MS	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	0.0	0.0	NC	0-20	0.0 2.8	3	93.3	80-120

Associated samples MP40604: FA94916-18

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA94916
 Account: UTC - Raytheon Technologies
 Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

QC Batch ID: MP40604
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 04/25/22

Metal	FA95013-2 Original MSD		Spike lot HGFLWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	2.8	3	93.3	0.0	20

Associated samples MP40604: FA94916-18

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.1.2

8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA94916
 Account: UTC - Raytheon Technologies
 Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

QC Batch ID: MP40604
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 04/25/22

Metal	BSP Result	Spike lot HGFLWS1	% Rec	QC Limits
Mercury	2.7	3	90.0	80-120

Associated samples MP40604: FA94916-18

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA94916
 Account: UTC - Raytheon Technologies
 Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

QC Batch ID: MP40604
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 04/25/22

Metal	FA95013-2		%DIF	QC Limits
	Original	SDL 1:5		
Mercury	0.00	0.00	NC	0-10

Associated samples MP40604: FA94916-18

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.1.4

8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA94916
Account: UTC - Raytheon Technologies
Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

QC Batch ID: MP40608
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 04/25/22

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	14	14		
Antimony	6.0	1	1	1.1	<6.0
Arsenic	10	1.3	1.3	-0.80	<10
Barium	200	.5	1		
Beryllium	4.0	.1	.2	0.0	<4.0
Cadmium	5.0	.1	.2	-0.10	<5.0
Calcium	1000	50	50		
Chromium	10	.5	1	0.20	<10
Cobalt	50	.2	.2		
Copper	25	1	1	0.80	<25
Iron	300	15	17		
Lead	5.0	1	1.1	0.0	<5.0
Magnesium	5000	35	35		
Manganese	15	.25	1		
Molybdenum	50	.3	.3		
Nickel	40	.4	.4	0.10	<40
Potassium	10000	100	200		
Selenium	10	2	2.9	2.4	<10
Silver	10	.5	.7	1.1	<10
Sodium	10000	250	500		
Strontium	10	.25	.5		
Thallium	10	1	1.4	-1.1	<10
Tin	50	.5	1		
Titanium	10	.5	1		
Vanadium	50	.5	.6		
Zinc	20	3	4.4	0.70	<20

Associated samples MP40608: FA94916-18

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA94916
 Account: UTC - Raytheon Technologies
 Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

QC Batch ID: MP40608
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date:

04/25/22

04/25/22

Metal	FA94927-2 Original DUP		RPD	QC Limits	FA94927-2 Original MS		Spikelot MPFLICP2	% Rec	QC Limits
Aluminum	anr								
Antimony	0.0	1.6	200.0(a)	0-20	0.0	446	500	89.2	80-120
Arsenic	2.3	1.5	42.1 (a)	0-20	2.3	1860	2000	92.9	80-120
Barium	anr								
Beryllium	0.0	0.0	NC	0-20	0.0	50.5	50	101.0	80-120
Cadmium	0.0	0.0	NC	0-20	0.0	50.5	50	101.0	80-120
Calcium	anr								
Chromium	0.0	0.50	200.0(a)	0-20	0.0	196	200	98.0	80-120
Cobalt	anr								
Copper	0.0	0.0	NC	0-20	0.0	257	250	102.8	80-120
Iron	anr								
Lead	0.0	0.0	NC	0-20	0.0	471	500	94.2	80-120
Magnesium	anr								
Manganese	anr								
Molybdenum	anr								
Nickel	0.0	0.0	NC	0-20	0.0	471	500	94.2	80-120
Potassium	anr								
Selenium	0.0	0.0	NC	0-20	0.0	1930	2000	96.5	80-120
Silver	1.2	1.4	15.4	0-20	1.2	50.9	50	99.4	80-120
Sodium	anr								
Strontium	anr								
Thallium	2.5	1.2	70.3 (a)	0-20	2.5	1970	2000	98.4	80-120
Tin	anr								
Titanium	anr								
Vanadium	anr								
Zinc	15.0	14.3	4.8	0-20	15.0	517	500	100.4	80-120

Associated samples MP40608: FA94916-18

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA94916
 Account: UTC - Raytheon Technologies
 Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

QC Batch ID: MP40608
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 04/25/22

Metal	FA94927-2 Original MSD		Spike lot MPFLICP2 % Rec		MSD RPD	QC Limit
Aluminum	anr					
Antimony	0.0	437	500	87.4	2.0	20
Arsenic	2.3	1820	2000	90.9	2.2	20
Barium	anr					
Beryllium	0.0	49.5	50	99.0	2.0	20
Cadmium	0.0	49.5	50	99.0	2.0	20
Calcium	anr					
Chromium	0.0	193	200	96.5	1.5	20
Cobalt	anr					
Copper	0.0	255	250	102.0	0.8	20
Iron	anr					
Lead	0.0	463	500	92.6	1.7	20
Magnesium	anr					
Manganese	anr					
Molybdenum	anr					
Nickel	0.0	463	500	92.6	1.7	20
Potassium	anr					
Selenium	0.0	1900	2000	95.0	1.6	20
Silver	1.2	50.5	50	98.6	0.8	20
Sodium	anr					
Strontium	anr					
Thallium	2.5	1930	2000	96.4	2.1	20
Tin	anr					
Titanium	anr					
Vanadium	anr					
Zinc	15.0	506	500	98.2	2.2	20

Associated samples MP40608: FA94916-18

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA94916
 Account: UTC - Raytheon Technologies
 Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

QC Batch ID: MP40608
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 04/25/22

Metal	BSP Result	Spike lot MPFLICP2	% Rec	QC Limits
Aluminum	anr			
Antimony	454	500	90.8	80-120
Arsenic	1870	2000	93.5	80-120
Barium	anr			
Beryllium	51.3	50	102.6	80-120
Cadmium	51.3	50	102.6	80-120
Calcium	anr			
Chromium	198	200	99.0	80-120
Cobalt	anr			
Copper	260	250	104.0	80-120
Iron	anr			
Lead	479	500	95.8	80-120
Magnesium	anr			
Manganese	anr			
Molybdenum	anr			
Nickel	481	500	96.2	80-120
Potassium	anr			
Selenium	1940	2000	97.0	80-120
Silver	51.2	50	102.4	80-120
Sodium	anr			
Strontium	anr			
Thallium	2000	2000	100.0	80-120
Tin	anr			
Titanium	anr			
Vanadium	anr			
Zinc	513	500	102.6	80-120

Associated samples MP40608: FA94916-18

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.2.3
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA94916
 Account: UTC - Raytheon Technologies
 Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

QC Batch ID: MP40608
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 04/25/22

Metal	FA94927-2 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	0.00	0.00	NC	0-10
Arsenic	2.30	0.00	100.0(a)	0-10
Barium	anr			
Beryllium	0.00	0.00	NC	0-10
Cadmium	0.00	0.00	NC	0-10
Calcium	anr			
Chromium	0.00	0.00	NC	0-10
Cobalt	anr			
Copper	0.00	0.00	NC	0-10
Iron	anr			
Lead	0.00	0.00	NC	0-10
Magnesium	anr			
Manganese	anr			
Molybdenum	anr			
Nickel	0.00	0.00	NC	0-10
Potassium	anr			
Selenium	0.00	0.00	NC	0-10
Silver	1.20	5.60	366.7(a)	0-10
Sodium	anr			
Strontium	anr			
Thallium	2.50	0.00	100.0(a)	0-10
Tin	anr			
Titanium	anr			
Vanadium	anr			
Zinc	15.0	15.5	3.3	0-10

Associated samples MP40608: FA94916-18

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: FA94916
 Account: UTC - Raytheon Technologies
 Project: AECOMSCG: Delavan Spray Technologies; Bamberg, SC

QC Batch ID: MP40608
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date:

04/25/22

Metal	Sample ml	Final ml	FA94927-2 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony	9.8	10			92.8	0.2	5	100	92.8	80-120
Arsenic	9.8	10	2.3	2.254	97.7	0.2	5	100	95.4	80-120
Barium										
Beryllium	9.8	10			51.8	0.2	2.5	50	103.6	80-120
Cadmium	9.8	10			52.5	0.2	2.5	50	105.0	80-120
Calcium										
Chromium	9.8	10			50.6	0.2	2.5	50	101.2	80-120
Cobalt										
Copper	9.8	10			104.1	0.2	5	100	104.1	80-120
Iron										
Lead	9.8	10			47.2	0.2	2.5	50	94.4	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel	9.8	10			97.2	0.2	5	100	97.2	80-120
Potassium										
Selenium	9.8	10			98.3	0.2	5	100	98.3	80-120
Silver	9.8	10	1.2	1.176	50.3	0.2	2.5	50	98.2	80-120
Sodium										
Strontium										
Thallium	9.8	10	2.5	2.45	97.7	0.2	5	100	95.3	80-120
Tin										
Titanium										
Vanadium										
Zinc	9.8	10	15	14.7	274.4	0.2	12.5	250	103.9	80-120

Associated samples MP40608: FA94916-18

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (**) Corr. sample result = Raw * (sample volume / final volume)
 (anr) Analyte not requested

DATA ASSESSMENT REPORT

Data assessment is a systematic process for reviewing a body of data against a predefined set of criteria to provide assurance that the data meet project Data Quality Objective (DQO) requirements. The purpose of the data assessment process is to determine if and how the usability of the analytical data is affected by the overall analytical processes and sample collection and handling procedures. If specific DQOs are not met, the data are qualified (i.e., data flags are assigned to sample results) in accordance with guidelines established by the United States Environmental Protection Agency (USEPA). Data assessment allows the data user to adequately determine if the data can be used for its intended purpose. The data acceptance criteria are established according to Standard Operating Procedures (SOPs) and Statements of Work (SOWs) provided to the contracted analytical laboratory. The assessment of data quality and usability involves five components, as described below.

- 1) **Field Sampling Check** is a process to ensure that all samples were collected, and the laboratory analyses were performed as stipulated in the applicable site-specific Work Plan or Field Sampling Plan (FSP). Inspection of sample preservation procedures, sample handling, analysis requested, sample description and identification (ID), cooler receipt forms, holding time evaluation, and Chain of Custody procedures are all evaluated to ensure that the evidentiary nature of the samples and the resulting analytical data have not been compromised.
- 2) **Data Verification** is a process for determining the completeness, correctness, consistency, and compliance of a data package in accordance with requirements contained in the applicable SOW and/or contract-specific requirements. This is a review of the data package, electronic data deliverable (EDD), and invoice received from the contract laboratory to ensure that the contract required information is present and complete prior to data validation.
- 3) **Data Review** is a process of reviewing the primary quality control (QC) data provided by the laboratory and the results of any internal quality assurance (QA)/QC samples, such as field blanks, trip blanks, equipment blanks or ambient blanks, field split samples, and duplicate samples, to ascertain any effect the laboratory's procedures or the sample collection process has on the data.
- 4) **Data Evaluation** is a process to determine if the data meet project-specific DQOs and contract requirements. This evaluation may involve a review of field sampling and sample management procedures, laboratory audits, Performance Evaluation (PE) sample results, and any other data quality indicators that are available.
- 5) **Data Validation** is a process to determine the accuracy and precision of analytical data generated and to identify any anomalies encountered. The validation process is performed in accordance with USEPA regional or national functional guidelines, project-specific guidelines, and

compliance with the requirements of each analytical method. Two major components of data validation are laboratory performance and matrix interferences. Evaluation of laboratory performance is a check for compliance for each analytical method to determine if the samples were analyzed within the prescribed acceptance criteria of the method. Evaluation of matrix interferences involves the analysis of surrogate spike recoveries, matrix spike recoveries, and duplicate sample results. Data not meeting project-specific DQOs or the requirements of the analytical method are qualified with data flags according to referenced guidelines.

Data Assessment Procedures

AECOM performed independent QC checks of field and laboratory procedures that were used in collecting and analyzing the data. The QC checks verify that the data collected are of appropriate quality for the intended data use and that the DQOs were met. The steps and guidelines followed during the data validation process were modeled on the *USEPA National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, January 2017). In addition, method-specific criteria set forth in the compendium of analytical methods found in the *Test Methods for Evaluation Solid Waste: Physical/Chemical Methods Compendium (SW-846), Update V* (USEPA, July 2014) are also evaluated during the validation process. This validation process has been adapted to meet the DQO requirements for generation of definitive critical data.

Data Validation Results

The analytical data associated with analytical data package FA94872 were collected from April 12-13, 2022 for Delavan Spray Technologies located in Bamberg, South Carolina. The analytical data were validated according to the procedures outlined above. Where data flags have been applied to this data set, they are separated by a slash "/" and presented in the following format:

Laboratory Flag / Result Flags / Analysis Flags

- **Laboratory Flag:** This flag precedes the first slash and is added by the laboratory as a result of QC excursions from the analytical method. These flags are laboratory-specific and are described in the associated laboratory report.
- **Result Flags:** These are presented after the first slash and are added by AECOM based on data validation procedures and guidelines. They tell how and if the data should be used.
- **Analysis Flags:** These flags are presented after the second slash and are added by AECOM to inform the data user of any specific QA/QC problems that were encountered.

Any data requiring qualification as a result of the validation process were assigned data flags, as discussed below. The validation flags indicate how any QC excursions may have impacted the usability of the data.

Volatile Organic Compounds by Method 8260D

Detections of toluene in any sample (except Trip Blank JB and Trip Blank MR) were qualified “/B/T” due to the presence of the analyte in the sample and associated trip blank samples.

Data Summary and Usability

The QC excursions encountered during the validation of this data set did not result in the rejection of any data. Therefore, the data associated with this laboratory batch should be considered compliant and adequate for its intended use.

References

United States Environmental Protection Agency (USEPA), July 2014. *Test Methods for Evaluation Solid Waste: Physical/Chemical Methods Compendium (SW-846), Update V.*

United States Environmental Protection Agency (USEPA), January 2017. *USEPA National Functional Guidelines for Organic Superfund Methods Data Review.* Publication #EPA-540-R-2017-002.

DATA ASSESSMENT REPORT

Data assessment is a systematic process for reviewing a body of data against a predefined set of criteria to provide assurance that the data meet project Data Quality Objective (DQO) requirements. The purpose of the data assessment process is to determine if and how the usability of the analytical data is affected by the overall analytical processes and sample collection and handling procedures. If specific DQOs are not met, the data are qualified (i.e., data flags are assigned to sample results) in accordance with guidelines established by the United States Environmental Protection Agency (USEPA). Data assessment allows the data user to adequately determine if the data can be used for its intended purpose. The data acceptance criteria are established according to Standard Operating Procedures (SOPs) and Statements of Work (SOWs) provided to the contracted analytical laboratory. The assessment of data quality and usability involves five components, as described below.

- 1) **Field Sampling Check** is a process to ensure that all samples were collected, and the laboratory analyses were performed as stipulated in the applicable site-specific Work Plan or Field Sampling Plan (FSP). Inspection of sample preservation procedures, sample handling, analysis requested, sample description and identification (ID), cooler receipt forms, holding time evaluation, and Chain of Custody procedures are all evaluated to ensure that the evidentiary nature of the samples and the resulting analytical data have not been compromised.
- 2) **Data Verification** is a process for determining the completeness, correctness, consistency, and compliance of a data package in accordance with requirements contained in the applicable SOW and/or contract-specific requirements. This is a review of the data package, electronic data deliverable (EDD), and invoice received from the contract laboratory to ensure that the contract required information is present and complete prior to data validation.
- 3) **Data Review** is a process of reviewing the primary quality control (QC) data provided by the laboratory and the results of any internal quality assurance (QA)/QC samples, such as field blanks, trip blanks, equipment blanks or ambient blanks, field split samples, and duplicate samples, to ascertain any effect the laboratory's procedures or the sample collection process has on the data.
- 4) **Data Evaluation** is a process to determine if the data meet project-specific DQOs and contract requirements. This evaluation may involve a review of field sampling and sample management procedures, laboratory audits, Performance Evaluation (PE) sample results, and any other data quality indicators that are available.
- 5) **Data Validation** is a process to determine the accuracy and precision of analytical data generated and to identify any anomalies encountered. The validation process is performed in accordance with USEPA regional or national functional guidelines, project-specific guidelines, and

compliance with the requirements of each analytical method. Two major components of data validation are laboratory performance and matrix interferences. Evaluation of laboratory performance is a check for compliance for each analytical method to determine if the samples were analyzed within the prescribed acceptance criteria of the method. Evaluation of matrix interferences involves the analysis of surrogate spike recoveries, matrix spike recoveries, and duplicate sample results. Data not meeting project-specific DQOs or the requirements of the analytical method are qualified with data flags according to referenced guidelines.

Data Assessment Procedures

AECOM performed independent QC checks of field and laboratory procedures that were used in collecting and analyzing the data. The QC checks verify that the data collected are of appropriate quality for the intended data use and that the DQOs were met. The steps and guidelines followed during the data validation process were modeled on the *USEPA National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, January 2017). In addition, method-specific criteria set forth in the compendium of analytical methods found in the *Test Methods for Evaluation Solid Waste: Physical/Chemical Methods Compendium (SW-846), Update V* (USEPA, July 2014) are also evaluated during the validation process. This validation process has been adapted to meet the DQO requirements for generation of definitive critical data.

Data Validation Results

The analytical data associated with analytical data package FA94872 were collected from April 13-14, 2022 for Delavan Spray Technologies located in Bamberg, South Carolina. The analytical data were validated according to the procedures outlined above. Where data flags have been applied to this data set, they are separated by a slash "/" and presented in the following format:

Laboratory Flag / Result Flags / Analysis Flags

- **Laboratory Flag:** This flag precedes the first slash and is added by the laboratory as a result of QC excursions from the analytical method. These flags are laboratory-specific and are described in the associated laboratory report.
- **Result Flags:** These are presented after the first slash and are added by AECOM based on data validation procedures and guidelines. They tell how and if the data should be used.
- **Analysis Flags:** These flags are presented after the second slash and are added by AECOM to inform the data user of any specific QA/QC problems that were encountered.

Any data requiring qualification as a result of the validation process were assigned data flags, as discussed below. The validation flags indicate how any QC excursions may have impacted the usability of the data.

Volatile Organic Compounds by Method 8260D

Detections of toluene in any sample (except Trip Blank - JB and Trip Blank - MR) were qualified “/B/T” due to the presence of the analyte in the sample and associated trip blank samples.

Data Summary and Usability

The QC excursions encountered during the validation of this data set did not result in the rejection of any data. Therefore, the data associated with this laboratory batch should be considered compliant and adequate for its intended use.

References

United States Environmental Protection Agency (USEPA), July 2014. *Test Methods for Evaluation Solid Waste: Physical/Chemical Methods Compendium (SW-846), Update V.*

United States Environmental Protection Agency (USEPA), January 2017. *USEPA National Functional Guidelines for Organic Superfund Methods Data Review.* Publication #EPA-540-R-2017-002.

APPENDIX C
HISTORICAL VOC DATA

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloroethane	1,1- Dichloroethane	1,1- Dichloroethylene	1,2- Dichloroethane	Bromodichloro- methane	Carbon disulfide	Chloroform	cis-1,2- Dichloroethylene	Dibromochloro- methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2- Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MCL			200	NS	7	5	80	NS	80	70	80	5	5	1000	100	5	2	10000
MW-1	6/4/2003	µg/L	<50	<50	<50	NA	NA	NA	NA	<50	NA	140	15000	<250	<50	<50	<50	<150
MW-1	12/30/2003	µg/L	<800	<800	<800	NA	NA	NA	NA	<800	NA	<800	11000	<800	<800	<800	<800	<800
MW-1	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	10.1	NA	<1.00	5470	NA	<1.00	34.8	<1.00	NA
MW-1	6/1/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	10.1	NA	<1.00	5750	NA	<1.00	41.3	<1.00	NA
MW-1	9/20/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	9.6	NA	<1.00	3150	NA	<1.00	38.4	<1.00	NA
MW-1	12/12/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	11.4	NA	<1.00	4750	NA	<1.00	35.6	<1.00	NA
MW-1	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	11.9	NA	<1.00	6580	NA	<1.00	48.1	<1.00	NA
MW-1	6/26/2006	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	13	NA	<1.0	4100	NA	<1.0	32	<1.0	NA
MW-1	10/21/2006	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	17.9	NA	<1.0	9550	NA	<1.0	65.8	<1.0	NA
MW-1	1/12/2007	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	23.1	NA	<1.00	6790	NA	<1.00	85.6	<1.00	NA
MW-1	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	102	NA	<1.00	5390	NA	<1.00	83.7	<1.00	NA
MW-1	11/5/2009	µg/L	<1.00	<1.00	1.74	NA	NA	NA	NA	382	NA	<1.00	7680	NA	<1.00	108	<1.00	NA
MW-1	4/30/2010	µg/L	<5.00	<5.00	<5.00	NA	NA	NA	NA	184	NA	<5.00	5940	NA	<5.00	79.6	<5.00	NA
MW-1	10/25/2010	µg/L	<50.0	<50.0	<50.0	NA	NA	NA	NA	648	NA	<50.0	5690	NA	<50.0	99.5	<50.0	NA
MW-1	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	210	NA	<1.0	3000	<1.0	<1.0	28	<2.0	<10
MW-1	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	265	NA	<1.00	2320	NA	<1.00	35	<1.00	NA
MW-1	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	298	NA	<1.00	3120	NA	<1.00	41.4	<1.00	NA
MW-1	2/26/2014	µg/L	<6.7	<5.1	<5.1	<4.8	<5.2	<4	<6.2	110 /J/A	<7.2	69.3 J	1280 /J/A	<4	<6.9	11.5 J	<6.5	<13
MW-1	10/27/2014	µg/L	<6.7	<5.1	<5.1	<4.8	<5.2	<4	<6.2	131	<7.2	<40	785	<4	<6.9	18.6 J	10.9 J	<13
MW-1	4/20/2015	µg/L	<1.3	<1	<1.4	<1	<1.1	<1.5	<1.5	6.1	<1	<10	447	<2	<1	2.6 J	<1.3	<2.6
MW-1	10/28/2015	µg/L	<1.3	<1	<1.4	<1	<1.1	<1.5	<1.5	7.1	<1	<10	383	<2	<1	2.8 J	<1.3	<2.6
MW-1	4/13/2016	µg/L	<1	<1.3	<1.1	<1.4	<1.2	<1.2	<1.5	19.4	<1.3	<10	468	<1	<1.7	6.2	<1.6	<2.8
MW-1	10/25/2016	µg/L	<1	<1.3	<1.1	<1.4	<1.2	<1.2	<1.5	7	<1.3	<10	410	<1	<1.7	3.5 J	<1.6	<2.8
MW-1	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	13.9	<0.28	<2	607	<0.3	<0.22	8.4	<0.41	<0.72
MW-1	10/18/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	124	<0.28	<2	835	<0.3	<0.22	23.2	<0.41	<0.72
MW-1	5/9/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	12.1	<0.28	<2	298	<0.3	<0.22	8.1	<0.41	<0.72
MW-1	10/30/2018	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	11.6	<1.4	<10	277	<1.5	<1.1	4.2	<2	<3.6
MW-1	4/24/2019	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	5	<0.55	<4	195	<0.6	<0.44	2.2	<0.82	<1.4
MW-1	10/15/2019	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	48.8	<0.55	<4	656	<0.6	<0.44	15.9	<0.82	<1.4
MW-1	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	1.9	<0.28	<2	111	<0.3	<0.22	1.2	<0.41	<0.72
MW-1	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	2.4	<0.28	<2	103	<0.3	<0.22	2.9	<0.41	<0.72
MW-1	4/13/2021	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	0.94 J	<0.55	<4	46.1	<0.6	<0.44	0.85 J	<0.82	<1.4
MW-1	10/19/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	5.2	<0.28	<2	108	1.6 /B/T	<0.22	8.6	<0.41	<0.72
MW-1	4/14/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	3	<0.28	<2	83.5	2.3 /B/T	<0.22	6.1	<0.41	<0.72

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Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloroethane	1,1- Dichloroethane	1,1- Dichloroethylene	1,2- Dichloroethane	Bromodichloro- methane	Carbon disulfide	Chloroform	cis-1,2- Dichloroethylene	Dibromochloro- methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2- Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-2	6/4/2003	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<3.0
MW-2	12/30/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	4.5	<2	<2	<2	<2	<4
MW-2	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	4.3	NA	<1.00	<1.00	<1.00	NA
MW-2	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.21	NA	<1.00	<1.00	<1.00	NA
MW-2	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	2.5	NA	<1.00	<1.00	<1.00	NA
MW-2	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.17	NA	<1.00	<1.00	<1.00	NA
MW-2	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.27	NA	<1.00	<1.00	<1.00	NA
MW-2	10/25/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1	NA	<1.00	<1.00	<1.00	NA
MW-2	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-2	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.86	NA	<1.00	<1.00	<1.00	NA
MW-2	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	6.55	NA	<1.00	<1.00	<1.00	NA
MW-2	2/25/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	1.6	<0.2	<0.34	<0.3	<0.33	<0.66
MW-2	10/27/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	1.2	<0.2	<0.34	<0.3	<0.33	<0.66
MW-2	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	0.53 J	<0.4	<0.21	<0.22	<0.25	<0.51
MW-2	10/28/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	0.85 J	<0.4	<0.21	<0.22	<0.25	<0.51
MW-2	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	0.57	<0.2	<0.33	<0.27	<0.31	<0.56
MW-2	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	0.83 J	<0.2	<0.33	<0.27	<0.31	<0.56
MW-2	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.92 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	3.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	5/10/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.3	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.6	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.4	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	4/14/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.71 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-2	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.1	2.1 /B/T	<0.22	<0.35	<0.41	<0.72
MW-2	4/13/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.67 J	2.6 /B/T	<0.22	<0.35	<0.41	<0.72

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Historical VOC Data
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Well No.	Sample Date	Units	1,1,1- Trichloroethane	1,1- Dichloroethane	1,1- Dichloroethylene	1,2- Dichloroethane	Bromodichloro- methane	Carbon disulfide	Chloroform	cis-1,2- Dichloroethylene	Dibromochloro- methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2- Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-3	6/4/2003	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	74	<5.0	<1.0	<1.0	<1.0	<3.0
MW-3	12/30/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	220	<2	<2	<2	<2	<4
MW-3	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	113	NA	<1.00	<1.00	<1.00	NA
MW-3	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	305	NA	<1.00	<1.00	<1.00	NA
MW-3	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	59.8	NA	<1.00	<1.00	<1.00	NA
MW-3	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	82.1	NA	<1.00	<1.00	<1.00	NA
MW-3	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	238	NA	<1.00	1.03	<1.00	NA
MW-3	10/25/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	391	NA	<1.00	2.79	<1.00	NA
MW-3	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	47	<1.0	<1.0	<1.0	<2.0	<10
MW-3	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	140	NA	<1.00	3.23	<1.00	NA
MW-3	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	64.5	NA	<1.00	<1.00	<1.00	NA
MW-3	3/5/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	45.1	<0.2	<0.34	1.1	<0.33	<0.66
MW-3	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	49.9	<0.2	<0.34	1.4	<0.33	<0.66
MW-3	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	0.92 J	<0.4	<0.21	<0.22	<0.25	<0.51
MW-3	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	0.24 J	<0.2	<2	57.4	<0.4	<0.21	0.79 J	<0.25	<0.51
MW-3	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	0.68	<0.26	<2	98	<0.2	<0.33	1.2	<0.31	<0.56
MW-3	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	0.58 J	<0.26	<2	91.6	<0.2	<0.33	1.1	<0.31	<0.56
MW-3	4/11/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	3.6	<0.28	<2	199	<0.3	<0.22	3.6	<0.41	<0.72
MW-3	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.33 J	<0.28	<2	77.3	<0.3	<0.22	1.6	<0.41	<0.72
MW-3	5/9/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	95.2	<0.3	<0.22	1.2	<0.41	<0.72
MW-3	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.51	<0.28	<2	86.8	<0.3	<0.22	1.3	<0.41	<0.72
MW-3	4/23/2019	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	1.9	<0.55	<4	132	<0.6	<0.44	1.7	<0.82	<1.4
MW-3	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.44 J	<0.28	<2	98.8	<0.3	<0.22	1.3	<0.41	<0.72
MW-3	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	2	<0.28	<2	122 E	<0.3	<0.22	1.8	<0.41	<0.72
MW-3	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	2.2	<0.28	<2	119	<0.3	<0.22	3.1	<0.41	<0.72
MW-3	4/13/2021	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	2.8	<0.55	<4	137	<0.6	<0.44	2.5	<0.82	<1.4
MW-3	10/19/2021	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	3.1	<0.55	<4	117	2 /B/T	<0.44	2.8	<0.82	<1.4
MW-3	4/13/2022	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	2.3	<0.55	<4	99.3	1.2 J/B/T	<0.44	2.7	<0.82	<1.4
MW-3D	1/9/2008	µg/L	<1.00	<1.00	9.68	NA	NA	NA	NA	5.52	NA	<1.00	432	NA	<1.00	3.33	<1.00	NA
MW-3D	11/5/2009	µg/L	<1.00	<1.00	11.8	NA	NA	NA	NA	8.92	NA	<1.00	612	NA	<1.00	4.11	<1.00	NA
MW-3D	4/30/2010	µg/L	<1.00	<1.00	9.92	NA	NA	NA	NA	9.33	NA	<1.00	764	NA	<1.00	6.1	<1.00	NA
MW-3D	10/26/2010	µg/L	<1.00	<1.00	11.7	NA	NA	NA	NA	9.98	NA	<1.00	544	NA	<1.00	4.51	<1.00	NA
MW-3D	5/24/2011	µg/L	<1.0	<1.0	11	NA	NA	NA	NA	9.4	NA	<1.0	600	<1.0	<1.0	4.7	<2.0	<10
MW-3D	11/9/2011	µg/L	<1.00	<1.00	10.8	NA	NA	NA	NA	9.93	NA	<1.00	526	NA	<1.00	4.01	<1.00	NA
MW-3D	5/9/2012	µg/L	<1.00	<1.00	10.3	NA	NA	NA	NA	8.58	NA	<1.00	520	NA	<1.00	4.48	<1.00	NA
MW-3D	3/5/2014	µg/L	<0.34	<0.26	10.4	<0.24	<0.26	<0.2	<0.31	7	<0.36	<2	204	<0.2	<0.34	6	<0.33	<0.66
MW-3D	10/28/2014	µg/L	0.58 J	<0.26	16.2	<0.24	<0.26	<0.2	<0.31	5.9	<0.36	<2	384	<0.2	<0.34	4.2	<0.33	<0.66
MW-3D	4/21/2015	µg/L	<0.26	<0.2	12.4	<0.2	<0.22	<0.29	<0.3	8.4	<0.2	<2	316 /M/M	<0.4	<0.21	8.1	<0.25	<0.51
MW-3D	10/27/2015	µg/L	<1.3	<1	9.7	<1	<1.1	<1.5	<1.5	5.6	<1	<10	353	<2	<1	6.7	<1.3	<2.6
MW-3D	4/13/2016	µg/L	<1	<1.3	5.7	<1.4	<1.2	<1.2	<1.5	7.8	<1.3	<10	285	<1	<1.7	8.3	<1.6	<2.8
MW-3D	10/26/2016	µg/L	0.25 J	<0.26	8.8	<0.28	<0.24	<0.23	<0.3	8.3	<0.26	<2	331	<0.2	<0.33	7.6	<0.31	<0.56
MW-3D	4/11/2017	µg/L	0.27 J	<0.34	8	<0.31	<0.24	<0.53	<0.3	8	<0.28	<2	223	<0.3	<0.22	8.1	<0.41	<0.72
MW-3D	10/17/2017	µg/L	<0.62	<0.85	8.8	<0.78	<0.61	<1.3	<0.75	6.4	<0.69	<5	290	<0.75	<0.55	4.4	<1	<1.8
MW-3D	5/9/2018	µg/L	<1.2	<1.7	6.7	<1.6	<1.2	<2.7	<1.5	7	<1.4	<10	299	<1.5	<1.1	7.4	<2	<3.6
MW-3D	10/31/2018	µg/L	<1.2	<1.7	7.8	<1.6	<1.2	<2.7	<1.5	9	<1.4	<10	432	<1.5	<1.1	6.4	<2	<3.6
MW-3D	4/23/2019	µg/L	<1.2	<1.7	5.6	<1.6	<1.2	<2.7	<1.5	7.4	<1.4	<10	296	<1.5	<1.1	9	<2	<3.6
MW-3D	10/15/2019	µg/L	<1.2	<1.7	6.3	<1.6	<1.2	<2.7	<1.5	6.8	<1.4	<10	258	<1.5	<1.1	5.7	<2	<3.6
MW-3D	4/15/2020	µg/L	<0.62	<0.85	4.8	<0.78	<0.61	<1.3	<0.75	8.7	<0.69	<5	220	<0.75	<0.55	9.6	<1	<1.8
MW-3D	10/20/2020	µg/L	<0.62	<0.85	5.9	<0.78	<0.61	<1.3	<0.75	8	<0.69	<5	347	<0.75	<0.55	5.3	<1	<1.8
MW-3D	4/13/2021	µg/L	<1.2	<1.7	3.7 J	<1.6	<1.2	<2.7	<1.5	7.5	<1.4	<10	179	<1.5	<1.1	7.4	<2	<3.6
MW-3D	10/19/2021	µg/L	<1.2	<1.7	5.3	<1.6	<1.2	<2.7	<1.5	8.2	<1.4	<10	235	<1.5	<1.1	5.7	<2	<3.6
MW-3D	4/13/2022	µg/L	<1.2	<1.7	4.2 J	<1.6	<1.2	<2.7	<1.5	7.6	<1.4	<10	277	<1.5	<1.1	8.8	<2	<3.6
MW-3D1	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-3D1	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-3D1	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-3D1	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-3D1	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-3D1	3/5/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-3D1	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-3D1	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-3D1	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-3D1	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-3D1	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-3D1	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-3D1	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.2			

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloroethane	1,1- Dichloroethane	1,1- Dichloroethylene	1,2- Dichloroethane	Bromodichloro- methane	Carbon disulfide	Chloroform	cis-1,2- Dichloroethylene	Dibromochloro- methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2- Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-4	6/4/2003	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<3.0
MW-4	12/30/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	<2	<2	<2	<2	<2	<4
MW-4	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-4	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-4	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-4	11/5/2009	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	4/29/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-4	10/25/2010	µg/L	<10.0	<10.0	<10.0	NA	NA	NA	NA	<10.0	NA	<10.0	<10.0	NA	<10.0	<10.0	<10.0	NA
MW-4	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-4	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-4	3/12/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-4	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	0.54 J	<0.21	<0.22	<0.25	<0.51
MW-4	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-4	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	0.42 J	<0.33	<0.27	<0.31	<0.56
MW-4	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-4	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.28	<0.3	<0.22	<0.35	<0.41	<0.72
MW-4	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-4	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	6/4/2003	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	160	<5.0	<1.0	<1.0	<1.0	<3.0
MW-5	12/31/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	230	<2	<2	<2	<2	<4
MW-5	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	345	NA	<1.00	<1.00	<1.00	NA
MW-5	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	3.79	NA	<1.00	<1.00	<1.00	NA
MW-5	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	97.6	NA	<1.00	<1.00	<1.00	NA
MW-5	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	2.42	NA	<1.00	<1.00	<1.00	NA
MW-5	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.46	NA	<1.00	<1.00	<1.00	NA
MW-5	10/26/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-5	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-5	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.55	NA	<1.00	<1.00	<1.00	NA
MW-5	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	2.57	NA	<1.00	<1.00	<1.00	NA
MW-5	3/5/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	11.7	<0.2	<0.34	<0.3	<0.33	<0.66
MW-5	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	1.1	<0.2	<0.34	<0.3	<0.33	<0.66
MW-5	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	1	<0.2	<2	74.3	<0.4	<0.21	1.3	<0.25	<0.51
MW-5	10/28/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	16.2	<0.4	<0.21	<0.22	<0.25	<0.51
MW-5	4/11/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	0.53	<0.2	<0.33	<0.27	<0.31	<0.56
MW-5	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	2.5	<0.2	<0.33	<0.27	<0.31	<0.56
MW-5	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	2.7	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.87 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	5/9/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	27.7	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	11/1/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.5	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	4/24/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.2	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.69 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.9	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.89 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-5	10/19/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.4	<0.3	<0.22	<0.35	<0.41	<0.72
MW-6	6/4/2003	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<3.0
MW-6	12/31/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	<2	<2	<2	<2	<2	<4
MW-6	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-6	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-6	3/11/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	0.59 J	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-6	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-6	10/28/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-6	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-6	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-6	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-6	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-6	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane	Bromodichloro-methane	Carbon disulfide	Chloroform	cis-1,2-Dichloroethylene	Dibromochloro-methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-7	12/31/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	<2	<2	<2	<2	<2	5.3
MW-7	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-7	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-7	3/5/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-7	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-7	10/28/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	1.4	<0.4	<0.21	<0.22	<0.25	<0.51
MW-7	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-7	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-7	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.49 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	5/9/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	11/1/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	4/24/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.38	<0.22	<0.35	<0.41	<0.72
MW-7	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-7	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.82 J	1.6 /B/T	<0.22	<0.35	<0.41	<0.72
MW-8	12/31/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	30	1.9J	<2	<2	<2	4.7
MW-8	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	135	NA	<1.00	1.1	<1.00	NA
MW-8	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	102	NA	<1.00	1.1	<1.00	NA
MW-8	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	159	NA	<1.00	1.66	<1.00	NA
MW-8	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	94.1	NA	<1.00	1.38	<1.00	NA
MW-8	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	28.3	NA	<1.00	<1.00	<1.00	NA
MW-8	10/25/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	76.4	NA	<1.00	1.22	<1.00	NA
MW-8	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	100	<1.0	<1.0	2.3	<2.0	<10
MW-8	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	276	NA	<1.00	5.31	<1.00	NA
MW-8	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	1.11	NA	<1.00	491	NA	<1.00	8.42	<1.00	NA
MW-8	3/11/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	114	<0.2	<0.34	6.8	<0.33	<0.66
MW-8	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	71.4	<0.2	<0.34	3.2	<0.33	<0.66
MW-8	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	28.5	<0.4	<0.21	0.97 J	<0.25	<0.51
MW-8	10/28/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	26	<0.4	<0.21	2.2	<0.25	<0.51
MW-8	4/11/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	7.8	<0.2	<0.33	<0.27	<0.31	<0.56
MW-8	10/24/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	35.8	<0.2	<0.33	4.9	<0.31	<0.56
MW-8	4/11/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	18.8	<0.3	<0.22	1.8	<0.41	<0.72
MW-8	10/18/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.31 J	<0.28	<2	47.9	<0.3	<0.22	4.7	<0.41	<0.72
MW-8	5/9/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.9 J	<0.28	<2	81.6	<0.3	<0.22	10.4	<0.41	<0.72
MW-8	10/30/2018	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	2.7	<0.55	<4	176	<0.6	<0.44	21.5	<0.82	<1.4
MW-8	4/24/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	1.8	<0.28	<2	174	<0.3	<0.22	14.2	<0.41	<0.72
MW-8	10/14/2019	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	3.1	<0.55	<4	299	<0.6	<0.44	28.9	<0.82	<1.4
MW-8	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	4	<0.28	<2	346	<0.3	<0.22	31	<0.41	<0.72
MW-8	10/21/2020	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	7.3	<0.69	<5	355	<0.75	<0.55	43.6	<1	<1.8
MW-8	4/13/2021	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	5.6	<1.4	<10	224	<1.5	<1.1	32.2	<2	<3.6
MW-8	10/19/2021	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	10.4	<0.69	<5	315	1.3 J/B/T	<0.55	50.1	<1	<1.8
MW-8	4/13/2022	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	7.6	<1.4	<10	267	<1.5	<1.1	46.2	<2	<3.6

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloroethane	1,1- Dichloroethane	1,1- Dichloroethylene	1,2- Dichloroethane	Bromodichloro- methane	Carbon disulfide	Chloroform	cis-1,2- Dichloroethylene	Dibromochloro- methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2- Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-9/MWT-1	12/31/2003	µg/L	<800	<800	<800	NA	NA	NA	NA	<800	NA	<800	7500	<800	<800	<800	<800	<2,000
MW-9/MWT-1	3/14/2005	µg/L	<1.00	<1.00	7.3	NA	NA	NA	NA	19.1	NA	<1.00	3520	NA	<1.00	76	<1.00	NA
MW-9/MWT-1	6/1/2005	µg/L	<1.00	<1.00	6.7	NA	NA	NA	NA	226	NA	<1.00	4670	NA	1.4	280	<1.00	NA
MW-9/MWT-1	9/20/2005	µg/L	1.28	<1.00	13.6	NA	NA	NA	NA	158	NA	<1.00	5000	NA	1.9	295	<1.00	NA
MW-9/MWT-1	12/12/2005	µg/L	2.05	<1.00	8.94	NA	NA	NA	NA	182	NA	<1.00	3920	NA	1.37	286	<1.00	NA
MW-9/MWT-1	3/28/2006	µg/L	<1.00	<1.00	8.51	NA	NA	NA	NA	362	NA	<1.00	4560	NA	1.57	372	<1.00	NA
MW-9/MWT-1	6/26/2006	µg/L	<1.0	<1.0	12	NA	NA	NA	NA	520	NA	<1.0	1500	NA	1.7	330	<1.0	NA
MW-9/MWT-1	10/21/2006	µg/L	<1.0	<1.0	23.5	NA	NA	NA	NA	540	NA	<1.0	7490	NA	<1.0	504	<1.0	NA
MW-9/MWT-1	1/12/2007	µg/L	<1.00	<1.00	25.3	NA	NA	NA	NA	442	NA	<1.00	5630	NA	1.97	626	<1.00	NA
MW-9/MWT-1	1/9/2008	µg/L	1.08	<1.00	5.01	NA	NA	NA	NA	271	NA	<1.00	2410	NA	1.39	297	8.73	NA
MW-9/MWT-1	11/4/2009	µg/L	<1.00	<1.00	11.6	NA	NA	NA	NA	379	NA	<1.00	2950	NA	2.21	559	<1.00	NA
MW-9/MWT-1	4/29/2010	µg/L	<1.00	<1.00	11.1	NA	NA	NA	NA	236	NA	<1.00	4170	NA	3.41	320	4.79	NA
MW-9/MWT-1	10/25/2010	µg/L	<20.0	<20.0	<20.0	NA	NA	NA	NA	326	NA	<20.0	3660	NA	<20.0	579	<20.0	NA
MW-9/MWT-1	5/24/2011	µg/L	<10	<10	<10	NA	NA	NA	NA	160	NA	<10	1200	<10	<10	380	<20	<100
MW-9/MWT-1	11/9/2011	µg/L	1.2	<1.00	19.7	NA	NA	NA	NA	200	NA	<1.00	4000	NA	1.47	450	<1.00	NA
MW-9/MWT-1	5/8/2012	µg/L	<1.00	<1.00	2.92	NA	NA	NA	NA	127	NA	<1.00	755	NA	1.09	258	<1.00	NA
MW-9	3/6/2014	µg/L	<1.7	<1.3	<1.3	<1.2	<1.3	<1	<1.6	31.5	<1.8	<10	498	<1	<1.7	55.3	<1.6	<3.3
MW-9	10/29/2014	µg/L	<0.34	<0.26	2.2	<0.24	<0.26	<0.2	<0.31	92.2	<0.36	<2	727 /M/m	<0.2	0.59 J	159	<0.33	<0.66
MW-9	4/22/2015	µg/L	<2.6	<2	<2.7	<2	<2.2	<2.9	<3	33.1	<2	<20	1760	<4	<2.1	133	<2.5	<5.1
MW-9	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	116	<0.2	<2	1070	<0.4	1.1	172 /M/M	<0.25	<0.51
MW-9	4/12/2016	µg/L	<2	<2.6	<2.2	<2.8	<2.4	<2.3	<3	49.2	<2.6	<20	771	<2	<3.3	115	<3.1	<5.6
MW-9	10/26/2016	µg/L	<2	<2.6	<2.2	<2.8	<2.4	<2.3	<3	19.2	<2.6	<20	685	<2	<3.3	106	<3.1	<5.6
MW-9	4/10/2017	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<1.7	<1.5	7.8	<1.4	<10	326	<1.5	<1.1	43.8	<2	<3.6
MW-9	10/17/2017	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<1.7	<1.5	109	<1.4	<10	646	<1.5	<1.1	157	<2	<3.6
MW-9	5/9/2018	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<1.7	<1.5	5.9	<1.4	<10	466	<1.5	<1.1	46.5	<2	<3.6
MW-9	10/30/2018	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<1.7	<1.5	75.6	<1.4	<10	2240	<1.5	<1.1	441	<2	<3.6
MW-9	4/23/2019	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<1.7	<1.5	9.6	<1.4	<10	513	<1.5	<1.1	47.1	<2	<3.6
MW-9	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	3.2	<0.28	<2	194 /M/M	<0.3	<0.22	24.6	<0.41	<0.72
MW-9	4/15/2020	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	28.1	<0.69	<5	402 /M/m	<0.75	<0.55	97.4 /M/m	<1	<1.8
MW-9	10/20/2020	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<1.7	<1.5	17.3	<1.4	<10	443	<1.5	<1.1	116	<2	<3.6
MW-9	4/13/2021	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<1.7	<1.5	14.4	<1.4	<10	156	<1.5	<1.1	45.6	<2	<3.6
MW-9	10/18/2021	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	8	<0.55	<4	123	<0.6	<0.44	36.9	<0.82	<1.4
MW-9	4/13/2022	µg/L	<0.5	<0.68	<0.64	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	5.1 J	44.9	0.71 J/B/T	<0.44	6.6	<0.82	<1.4
MW-9D	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-9D	11/4/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-9D	4/29/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-9D	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-9D	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-9D	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-9D	3/6/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-9D	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-9D	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-9D	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-9D	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-9D	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-9D	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-9D	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloroethane	1,1- Dichloroethane	1,1- Dichloroethylene	1,2- Dichloroethane	Bromodichloro- methane	Carbon disulfide	Chloroform	cis-1,2- Dichloroethylene	Dibromochloro- methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2- Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-10/MWT-2	12/31/2003	µg/L	<200	<200	520	NA	NA	NA	NA	<200	NA	<200	5800	<200	<200	<200	<200	<400
MW-10/MWT-2	3/14/2005	µg/L	26.4	<1.00	18.6	NA	NA	NA	NA	40.1	NA	<1.00	4360	NA	1	62.3	<1.00	NA
MW-10/MWT-2	6/1/2005	µg/L	12.7	1.7	17.5	NA	NA	NA	NA	40.8	NA	<1.00	5680	NA	<1.00	52	<1.00	NA
MW-10/MWT-2	9/20/2005	µg/L	9.03	<1.00	40	NA	NA	NA	NA	27.8	NA	<1.00	4360	NA	<1.00	46.2	<1.00	NA
MW-10/MWT-2	12/12/2005	µg/L	11.7	<1.00	14.4	NA	NA	NA	NA	23.2	NA	<1.00	3050	NA	<1.00	45.2	<1.00	NA
MW-10/MWT-2	3/28/2006	µg/L	6.1	<1.00	13.4	NA	NA	NA	NA	16.8	NA	<1.00	3090	NA	<1.00	27.4	<1.00	NA
MW-10/MWT-2	6/26/2006	µg/L	<20	<20	<20	NA	NA	NA	NA	21	NA	<20	1800	NA	<20	31	<20	NA
MW-10/MWT-2	10/21/2006	µg/L	<100	<100	<100	NA	NA	NA	NA	121	NA	<100	3380	NA	<100	<100	114	NA
MW-10/MWT-2	1/12/2007	µg/L	1.22	<1.00	2.08	NA	NA	NA	NA	12.4	NA	<1.00	2980	NA	<1.00	32.7	<1.00	NA
MW-10/MWT-2	1/9/2008	µg/L	10.9	<1.00	24.1	NA	NA	NA	NA	89.1	NA	<1.00	3250	NA	<1.00	71.9	<1.00	NA
MW-10/MWT-2	11/4/2009	µg/L	1.49	1.56	82.2	NA	NA	NA	NA	1120	NA	<1.00	1600	NA	1.22	33.9	<1.00	NA
MW-10/MWT-2	4/29/2010	µg/L	<1.00	<1.00	2.85	NA	NA	NA	NA	104	NA	<1.00	53.8	NA	<1.00	3.22	<1.00	NA
MW-10/MWT-2	10/25/2010	µg/L	<10.0	<10.0	108	NA	NA	NA	NA	1270	NA	<10.0	1150	NA	<10.0	129	<10.0	NA
MW-10/MWT-2	5/24/2011	µg/L	<20	<20	<20	NA	NA	NA	NA	390	NA	<20	2000	<20	<20	88	<40.0	<200
MW-10/MWT-2	11/9/2011	µg/L	<5.00	8.8	285	NA	NA	NA	NA	4250	NA	<5.00	4670	NA	<5.00	154	<5.00	NA
MW-10/MWT-2	5/8/2012	µg/L	3.7	<1.00	7.83	NA	NA	NA	NA	885	NA	<1.00	1810	NA	17.1	386	<1.00	NA
MW-10	3/5/2014	µg/L	<0.34	<0.26	0.36 J	<0.24	<0.26	<0.2	<0.31	13.9	<0.36	<2	93.2	<0.2	<0.34	15.1	<0.33	<0.66
MW-10	10/29/2014	µg/L	<0.34	0.37 J	32.7	<0.24	<0.26	<0.2	<0.31	664	<0.36	<2	136	2.6	0.51 J	36.9	<0.33	<0.66
MW-10	4/22/2015	µg/L	<0.26	<0.2	5.2	<0.2	<0.22	<0.29	<0.3	98.8	<0.2	<2	54.1	<0.4	<0.21	7.8	<0.25	<0.51
MW-10	10/26/2015	µg/L	<0.26	0.49 J	30.3	0.22 J	<0.22	<0.29	<0.3	506	<0.2	<2	66.4	1.1	0.25 J	45.2	0.5 J	<0.51
MW-10	4/12/2016	µg/L	<0.2	<0.26	6.7	<0.28	<0.24	<0.23	<0.3	90.8	<0.26	<2	43.3	1.2	<0.33	22.1	<0.31	<0.56
MW-10	10/25/2016	µg/L	<0.2	<0.26	9	<0.28	<0.24	<0.23	<0.3	146	<0.26	<2	41.4	7.2	0.49 J	13.5	<0.31	<0.56
MW-10	4/10/2017	µg/L	<0.25	<0.34	0.95 J	<0.31	<0.24	<0.53	<0.3	41	<0.28	<2	51.6	1.2	0.32 J	44.3	<0.41	<0.72
MW-10	10/17/2017	µg/L	<0.25	<0.34	23.7	<0.31	<0.24	<0.53	<0.3	350	<0.28	<2	149	<0.3	0.26 J	70.9	<0.41	<0.72
MW-10	5/9/2018	µg/L	0.26 J	<0.34	2.4	<0.31	<0.24	<0.53	<0.3	136	<0.28	<2	180	<0.3	0.42 J	98.6	<0.41	<0.72
MW-10	10/30/2018	µg/L	<2.5	<3.4	8.2	<3.1	<2.4	<5.3	<3	135	<2.8	<20	1550	<3	<2.2	98.3	<4.1	<7.2
MW-10	4/23/2019	µg/L	<0.25	<0.34	3	<0.31	<0.24	<0.53	<0.3	72.6	<0.28	<2	82.8	<0.3	<0.22	28.3	<0.41	<0.72
MW-10	10/16/2019	µg/L	0.53 J	1.4	59.1	<0.31	<0.24	<0.53	<0.3	1980	<0.28	<2	409	<0.3	0.64 J	482	<0.41	<0.72
MW-10	4/15/2020	µg/L	<0.25	<0.34	7.4	<0.31	<0.24	<0.53	<0.3	78.1	<0.28	<2	70.3	<0.3	<0.22	32.8	<0.41	<0.72
MW-10	10/20/2020	µg/L	<0.5	<0.68	9.4	<0.62	<0.48	<1.1	<0.6	180	<0.55	<4	494	1.5 J	<0.44	99.5	<0.82	<1.4
MW-10	4/13/2021	µg/L	<2.5	<3.4	5.7 J	<3.1	<2.4	<5.3	<3	105	<2.8	<20	66.8	<3	<2.2	25.2	<4.1	<7.2
MW-10	10/18/2021	µg/L	<0.5	<0.68	30.1	<0.62	<0.48	<1.1	<0.6	396	<0.55	<4	90.8	0.76 J/B/T	0.48 J	94.2	<0.82	<1.4
MW-10	4/13/2022	µg/L	<2.5	<3.4	<3.2	<3.1	<2.4	<5.3	<3	15.1	<2.8	22.8 J	180	<3	<2.2	40.7	<4.1	<7.2
MW-10D	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	4.09	NA	<1.00	<1.00	<1.00	NA
MW-10D	11/4/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-10D	4/29/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-10D	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-10D	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-10D	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-10D	3/5/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-10D	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-10D	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-10D	10/26/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-10D	10/25/2016	µg/L	<0.2 //h	<0.26 //h	<0.22 //h	<0.28 //h	<0.24 //h	<0.23 //h	<0.3 //h	<0.31 //h	<0.26 //h	<2 //h	<0.3 //h	<0.2 //h	<0.33 //h	<0.27 //h	<0.31 //h	<0.56 //h
MW-10D	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-10D	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-10D	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.25 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-10D	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.4 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-10D	4/13/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.4 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-10D	10/18/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.82 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-10D	4/13/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	2.4 /B/T	<0.22	<0.35	<0.41	<0.72

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane	Bromodichloro-methane	Carbon disulfide	Chloroform	cis-1,2-Dichloroethylene	Dibromochloro-methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-11/MWT-3	12/31/2003	µg/L	<2	<2	<2	NA	NA	NA	NA	<2	NA	<2	<2	<2	<2	<2	<2	<4
MW-11/MWT-3	3/14/2005	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11/MWT-3	3/28/2006	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11/MWT-3	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11/MWT-3	11/4/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11/MWT-3	4/29/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11/MWT-3	5/24/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-11/MWT-3	11/9/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11/MWT-3	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-11	3/11/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-11	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-11	10/26/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	4.2	<0.21	<0.22	<0.25	<0.51
MW-11	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	1	<0.33	<0.27	<0.31	<0.56
MW-11	10/16/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-11	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-11	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-11	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	11/5/2009	µg/L	<1.00	<1.00	1.11	NA	NA	NA	NA	<1.00	NA	<1.00	87.7	NA	<1.00	<1.00	<1.00	NA
MW-12D	4/30/2010	µg/L	1.13	<1.00	3.67	NA	NA	NA	NA	<1.00	NA	<1.00	451	NA	<1.00	<1.00	<1.00	NA
MW-12D	10/25/2010	µg/L	<1.00	<1.00	1.07	NA	NA	NA	NA	<1.00	NA	<1.00	72.3	NA	<1.00	<1.00	<1.00	NA
MW-12D	5/23/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	12	<1.0	<1.0	<1.0	<2.0	<10
MW-12D	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	20.8	NA	<1.00	<1.00	<1.00	NA
MW-12D	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	21.4	NA	<1.00	<1.00	<1.00	NA
MW-12D	3/11/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	40.7	<0.2	<0.34	<0.3	<0.33	<0.66
MW-12D	10/29/2014	µg/L	<0.34	<0.26	0.64 J	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	25.5	<0.2	<0.34	<0.3	<0.33	<0.66
MW-12D	4/21/2015	µg/L	<0.26	<0.2	1.4	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	65.6	<0.4	<0.21	<0.22	<0.25	<0.51
MW-12D	10/27/2015	µg/L	<0.26	<0.2	0.54 J	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	25.1	<0.4	<0.21	<0.22	<0.25	<0.51
MW-12D	4/13/2016	µg/L	<0.4	<0.51	2.9	<0.57	<0.48	<0.46	<0.6	<0.62	<0.52	<4	140	<0.4	<0.66	<0.54	<0.63	<1.1
MW-12D	10/25/2016	µg/L	<0.2 //h	<0.26 //h	1.2 //h	<0.28 //h	<0.24 //h	<0.23 //h	<0.3 //h	<0.31 //h	<0.26 //h	<2 //h	69.2 //h	<0.2 //h	<0.33 //h	<0.27 //h	<0.31 //h	<0.56 //h
MW-12D	4/10/2017	µg/L	<0.25	<0.34	2.4	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	98.6	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	10/18/2017	µg/L	<0.25	<0.34	0.48 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	39.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	5/8/2018	µg/L	<0.25	<0.34	0.55 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	33.5	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	10/30/2018	µg/L	<0.25	<0.34	0.49	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	35.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	4/23/2019	µg/L	<0.25	<0.34	1.2	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	92.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	10/15/2019	µg/L	<0.25	<0.34	0.73 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	50.4	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	4/14/2020	µg/L	<0.25	<0.34	1.6	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	129	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	47.3	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	4/13/2021	µg/L	<0.25	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	98.6	<0.3	<0.22	<0.35	<0.41	<0.72
MW-12D	10/19/2021	µg/L	<0.25	<0.34	0.41 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	31.3	0.49 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-12D	4/13/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	26.2	0.66 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-13D	11/5/2009	µg/L	<1.00	<1.00	1.92	NA	NA	NA	NA	<1.00	NA	<1.00	96.4	NA	<1.00	<1.00	<1.00	NA
MW-13D	4/30/2010	µg/L	3.34	<1.00	4.6	NA	NA	NA	NA	<1.00	NA	<1.00	292	NA	<1.00	<1.00	<1.00	NA
MW-13D	10/25/2010	µg/L	1.21	<1.00	3.45	NA	NA	NA	NA	<1.00	NA	<1.00	120	NA	<1.00	<1.00	<1.00	NA
MW-13D	5/23/2011	µg/L	<1.0	<1.0	1.6	NA	NA	NA	NA	<1.0	NA	<1.0	56	<1.0	<1.0	<1.0	<2.0	<10
MW-13D	11/8/2011	µg/L	<1.00	<1.00	1.4	NA	NA	NA	NA	<1.00	NA	<1.00	74.9	NA	<1.00	<1.00	<1.00	NA
MW-13D	5/9/2012	µg/L	<1.00	<1.00	1.25	NA	NA	NA	NA	<1.00	NA	<1.00	74.3	NA	<1.00	<1.00	<1.00	NA
MW-13D	3/11/2014	µg/L	1	<0.26	3.6	<0.24	<0.26	<0.2	0.6 J	<0.33	<0.36	<2	94.1	<0.2	<0.34	<0.3	<0.33	<0.66
MW-13D	10/29/2014	µg/L	<0.34	<0.26	2	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	47.6	<0.2	<0.34	<0.3	<0.33	<0.66
MW-13D	4/22/2015	µg/L	1.5	<0.2	4.4	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	84.8	<0.4	<0.21	<0.22	<0.25	<0.51
MW-13D	10/27/2015	µg/L	0.39 J	<0.2	1.7	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	84.5	<0.4	<0.21	<0.22	<0.25	<0.51
MW-13D	4/13/2016	µg/L	3.1	<0.26	5.4	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	151	<0.2	<0.33	<0.27	<0.31	<0.56
MW-13D	10/25/2016	µg/L	2.5 J	<1.3	7	<1.4	<1.2	<1.2	<1.5	<1.6	<1.3	<10	298	<1	<1.7	<1.4	<1.6	<2.8
MW-13D	4/10/2017	µg/L	1.6	<0.34	4.1	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	168	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	10/18/2017	µg/L	0.31 J	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	84	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	5/8/2018	µg/L	0.92 J	<0.34	2.9	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	92.5	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	10/31/2018	µg/L	0.57	<0.34	2.3	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	73.9	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	4/23/2019	µg/L	0.93	<0.34	3.2	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	170	<0.3	<0.22	<0.35	<0.41	<0.72
MW-13D	10/16/2019	µg/L	<0.5	<0.68	2	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	126	<0.6	<0.44	<0.69	<0.82	<1.4
MW-13D	4/15/2020	µg/L	0.61 J	<0.68	3.6	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	171	<0.6	<0.44	<0.69	<0.82	<1.4
MW-13D	10/21/2020	µg/L	0.51 J	<0.68	2.7	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	139	<0.6	<0.44	<0.69	<0.82	<1.4
MW-13D	4/13/2021	µg/L	<0.5	<0.68	1.9 J	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	116	<0.6	<0.44	<0.69	<0.82	<1.4
MW-13D	10/19/2021	µg/L	<0.5	<0.68	2.4	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	134	2.1 /B/T	<0.44	<0.69	<0.82	<1.4
MW-13D	4/13/2022	µg/L	<0.5	&														

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane	Bromodichloro-methane	Carbon disulfide	Chloroform	cis-1,2-Dichloroethylene	Dibromochloro-methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-14	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-14	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-14	10/25/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-14	5/23/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-14	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-14	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-14	2/26/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-14	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-14	4/20/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	0.46 J	<0.4	<0.21	<0.22	<0.25	<0.51
MW-14	10/28/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	0.72 J	<0.4	<0.21	<0.22	<0.25	<0.51
MW-14	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	0.9	<0.2	<0.33	<0.27	<0.31	<0.56
MW-14	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	0.66 J	<0.2	<0.33	<0.27	<0.31	<0.56
MW-14	4/11/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.9	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	5/10/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1.3	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	10/29/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	4/23/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.74 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14	10/19/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14D	11/5/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	18.7	NA	<1.00	<1.00	<1.00	NA
MW-14D	4/30/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	74.8	NA	<1.00	<1.00	<1.00	NA
MW-14D	10/25/2010	µg/L	<1.00	<1.00	1.12	NA	NA	NA	NA	<1.00	NA	<1.00	85.3	NA	<1.00	<1.00	<1.00	NA
MW-14D	5/23/2011	µg/L	<1.0	<1.0	1.4	NA	NA	NA	NA	<1.0	NA	<1.0	92	<1.0	<1.0	<1.0	<2.0	<10
MW-14D	11/8/2011	µg/L	<1.00	<1.00	1.11	NA	NA	NA	NA	<1.00	NA	<1.00	77.3	NA	<1.00	<1.00	<1.00	NA
MW-14D	5/9/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	82.1	NA	<1.00	<1.00	<1.00	NA
MW-14D	2/26/2014	µg/L	<0.34	<0.26	1.6	<0.24	<0.26	<0.2	<0.31	0.95 J	<0.36	<2	81.5	<0.2	<0.34	0.56 J	<0.33	<0.66
MW-14D	10/28/2014	µg/L	<0.34	<0.26	1.2	<0.24	<0.26	<0.2	<0.31	0.65 J	<0.36	<2	79.3	<0.2	<0.34	0.56 J	<0.33	<0.66
MW-14D	4/20/2015	µg/L	<0.26	<0.2	1.8	<0.2	<0.22	<0.29	<0.3	0.9 J	<0.2	<2	69.7	<0.4	<0.21	0.61 J	<0.25	<0.51
MW-14D	10/28/2015	µg/L	<0.26	<0.2	1	<0.2	<0.22	<0.29	<0.3	0.34 J	<0.2	<2	53.1	<0.4	<0.21	<0.22	<0.25	<0.51
MW-14D	4/13/2016	µg/L	<0.2	<0.26	1.5	<0.28	<0.24	<0.23	<0.3	0.98	<0.26	<2	78.5	<0.2	<0.33	0.73	<0.31	<0.56
MW-14D	10/26/2016	µg/L	<0.2	<0.26	1.4	<0.28	<0.24	<0.23	<0.3	0.86 J	<0.26	<2	84.3	<0.2	<0.33	0.65 J	<0.31	<0.56
MW-14D	4/11/2017	µg/L	<0.25	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	84.6	<0.3	<0.22	0.77 J	<0.41	<0.72
MW-14D	10/17/2017	µg/L	<0.25	<0.34	0.72 J	<0.31	<0.24	<0.53	<0.3	0.34 J	<0.28	<2	63.4	<0.3	<0.22	0.43 J	<0.41	<0.72
MW-14D	5/10/2018	µg/L	<0.25	<0.34	1.1	<0.31	<0.24	<0.53	<0.3	0.61 J	<0.28	<2	59.9	<0.3	<0.22	0.56 J	<0.41	<0.72
MW-14D	10/30/2018	µg/L	<0.25	<0.34	0.83	<0.31	<0.24	<0.53	<0.3	0.37	<0.28	<2	54.3	<0.3	<0.22	0.48	<0.41	<0.72
MW-14D	4/23/2019	µg/L	<0.25	<0.34	0.99	<0.31	<0.24	<0.53	<0.3	0.51	<0.28	<2	80.6	<0.3	<0.22	0.62	<0.41	<0.72
MW-14D	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	65	<0.3	<0.22	0.58 J	<0.41	<0.72
MW-14D	4/15/2020	µg/L	<0.25	<0.34	0.95 J	<0.31	<0.24	<0.53	<0.3	0.44 J	<0.28	<2	59.9	<0.3	<0.22	0.53 J	<0.41	<0.72
MW-14D	10/20/2020	µg/L	<0.25	<0.34	0.85 J	<0.31	<0.24	<0.53	<0.3	0.49 J	<0.28	<2	53.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-14D	4/13/2021	µg/L	<0.25	<0.34	1.1	<0.31	<0.24	<0.53	<0.3	0.62 J	<0.28	<2	54.8	<0.3	<0.22	0.55 J	<0.41	<0.72
MW-14D	10/19/2021	µg/L	<0.25	<0.34	0.93 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	47.4	0.6 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-14D	4/13/2022	µg/L	<0.25	<0.34	0.85 J	<0.31	<0.24	<0.53	<0.3	0.46 J	<0.28	<2	50.5	<0.3	<0.22	0.57 J	<0.41	<0.72
MW-15	5/25/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-15	6/28/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<3.00
MW-15	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-15	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-15	2/25/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-15	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-15	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-15	10/26/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-15	4/11/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-15	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-15	4/11/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15	10/16/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.6	<0.22	<0.35	<0.41	<0.72
MW-15	5/7/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15	10/29/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15	4/22/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15	10/14/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15	4/14/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3				

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloroethane	1,1- Dichloroethane	1,1- Dichloroethylene	1,2- Dichloroethane	Bromodichloro- methane	Carbon disulfide	Chloroform	cis-1,2- Dichloroethylene	Dibromochloro- methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2- Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-15D	5/25/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-15D	6/28/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<3.00
MW-15D	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-15D	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-15D	2/25/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	0.24 J	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-15D	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-15D	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-15D	10/26/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-15D	4/11/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-15D	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-15D	4/11/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D	10/16/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D	10/29/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D	10/14/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D1	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-15D1	2/25/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-15D1	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-15D1	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-15D1	10/26/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-15D1	4/11/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-15D1	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-15D1	4/11/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D1	10/16/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D1	10/29/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D1	10/14/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-15D1	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	5/25/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-16	6/28/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<3.00
MW-16	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-16	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-16	3/6/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-16	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-16	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-16	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-16	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-16	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	0.48 J	<0.33	<0.27	<0.31	<0.56
MW-16	4/10/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	38.3	<0.22	<0.35	<0.41	<0.72
MW-16	5/7/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	4/24/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.39	<0.22	<0.35	<0.41	<0.72
MW-16	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.72 J	<0.22	<0.35	<0.41	<0.72
MW-16D	5/25/2011	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10
MW-16D	6/28/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<3.00
MW-16D	11/8/2011	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-16D	5/8/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
MW-16D	3/6/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-16D	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-16D	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-16D	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-16D	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-16D	10/25/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-16D	4/10/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16D	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16D	5/7/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16D	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16D	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-16D	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	&lt							

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1- Trichloroethane	1,1- Dichloroethane	1,1- Dichloroethylene	1,2- Dichloroethane	Bromodichloro- methane	Carbon disulfide	Chloroform	cis-1,2- Dichloroethylene	Dibromochloro- methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2- Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-17	3/10/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-17	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-17	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-17	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-17	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-17	10/16/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-17	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-17	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-17	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-18	3/10/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-18	10/29/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-18	4/22/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-18	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-18	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-18	10/16/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-18	10/31/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-18	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-18	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-18	10/18/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	4.4 /B/T	<0.22	<0.35	<0.41	<0.72
MW-19	3/6/2014	µg/L	<67	<51	<51	<48	<52	<40	<62	<65	<72	639 J	14000	<40	<69	<60	<65	<130
MW-19	10/28/2014	µg/L	16 J	<5.1	12 J	<4.8	<5.2	<4	<6.2	<6.5	<7.2	<40	3470	<4	<6.9	<6	<6.5	<13
MW-19	4/21/2015	µg/L	19.8 J	<4	15.6 J	<4	<4.3	<5.9	<6	12.5 J	<4	<40	4170	<8	<4.2	5.5 J	<5	<10
MW-19	10/28/2015	µg/L	34.6	<5	21.6 J	<5	<5.4	<7.4	<7.5	<5.5	<5	<50	8040	<10	<5.2	<5.4	<6.3	<13
MW-19	4/12/2016	µg/L	97.5	<26	39.1	<28	<24	<23	<30	<31	<26	221	16600	<20	<33	<27	<31	<56
MW-19	10/24/2016	µg/L	245	<51	<43	<57	<48	<46	<60	<62	<52	<400	34600	<40	<66	<54	<63	<110
MW-19	4/11/2017	µg/L	180 J	<85	<130	<78	<61	<130	<75	<69	<69	<500	24600	<75	<55	<86	<100	<180
MW-19	10/18/2017	µg/L	74.9 J	<85	<81	<78	<61	<130	299	<69	<69	<500	18700	<75	<55	<86	<100	<180
MW-19	5/9/2018	µg/L	69.5 J	<85	<81	<78	<61	<130	92.4 J	<69	<69	<500	18700	<75	<55	<86	<100	<180
MW-19	11/1/2018	µg/L	92.9	<0.34	36.1	<0.31	<0.24	<0.53	0.41	6.8	<0.28	<2	21500	0.39	<0.22	11.2	<0.41	<0.72
MW-19	4/22/2019	µg/L	95.2	<85	<81	<78	<61	<130	<75	<69	<69	<500	24400	<75	<55	<86	<100	<180
MW-19	10/16/2019	µg/L	230 J	<85	<81	<78	<61	<130	<75	<69	<69	<500	37400	<75	<55	<86	<100	<180
MW-19	7/15/2020	µg/L	<120	<170	<160	<160	<120	<270	<150	<140	<140	<1000	29800	<150	<110	<170	<200	<360
MW-19	10/20/2020	µg/L	263 J	<170	<160	<160	<120	<270	<150	<140	<140	<1000	45600	<150	<110	<170	<200	<360
MW-19	4/12/2021	µg/L	<120	<170	<160	<160	<120	<270	<150	<140	<140	<1000	53900	<150	<110	<170	<200	<360
MW-19	10/18/2021	µg/L	366 J	<340	<320	<310	<240	<530	<300	<280	<280	<2000	47500	<300	<220	<350	<410	<720
MW-19	4/14/2022	µg/L	<250	<340	<320	<310	<240	<530	<300	<280	<280	2680 J	52400	<300	<220	<350	<410	<720
MW-20	3/6/2014	µg/L	<3.4	<2.6	<2.5	<2.4	<2.6	<2	<3.1	4 J	<3.6	<20	648	<2	<3.4	5 J	<3.3	<6.6
MW-20	10/28/2014	µg/L	<1.7	<1.3	<1.3	<1.2	<1.3	<1	<1.6	<1.6	<1.8	<10	428	<1	<1.7	2.7 J	<1.6	<3.3
MW-20	4/21/2015	µg/L	<1.3	<1	<1.4	<1	<1.1	<1.5	<1.5	2.6 J	<1	<10	452	<2	<1	4.2 J	<1.3	<2.6
MW-20	10/28/2015	µg/L	<1.3	<1	<1.4	<1	<1.1	<1.5	<1.5	<1.1	<1	11.1 J	623	<2	<1	4.6 J	<1.3	<2.6
MW-20	4/12/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	0.72	<0.26	<2	480	<0.2	<0.33	3.2	<0.31	<0.56
MW-20	10/24/2016	µg/L	<2	<2.6	<2.2	<2.8	<2.4	<2.3	<3	<3.1	<2.6	<20	503	<2	<3.3	<2.7	<3.1	<5.6
MW-20	4/11/2017	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	1.5 J	<1.4	<10	438	<1.5	<1.1	3.1 J	<2	<3.6
MW-20	10/18/2017	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	4.8 J	<1.4	<1.4	<10	312	<1.5	<1.1	2.2 J	<2	<3.6
MW-20	5/9/2018	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	3.3 J	<1.4	<10	388	<1.5	<1.1	3.9 J	<2	<3.6
MW-20	11/1/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	2.2	<0.28	<2	462	<0.3	<0.22	3.7	<0.41	<0.72
MW-20	4/22/2019	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	<1.4	<1.4	<10	466	<1.5	<1.1	3.6	<2	<3.6
MW-20	10/16/2019	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	<5	194	<0.75	<0.55	1.9 J	<1	<1.8
MW-20	10/20/2020	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	<5	271	<0.75	<0.55	3.6	<1	<1.8
MW-20	4/12/2021	µg/L	<1.2	<1.7	<1.6	<1.6	<1.2	<2.7	<1.5	<1.4	<1.4	<10	222	<1.5	<1.1	3.1 J	<2	<3.6
MW-20	10/18/2021	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	2.1 J	<0.69	<5	187	<0.75	<0.55	3.6	<1	<1.8
MW-20	4/14/2022	µg/L	<0.62	<0.85	<0.81	<0.78	<0.61	<1.3	<0.75	2.2 J	<0.69	10.8 J	190	2.1 J/B/T	<0.55	3.5	<1	<1.8

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane	Bromodichloro-methane	Carbon disulfide	Chloroform	cis-1,2-Dichloroethylene	Dibromochloro-methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-21	3/11/2014	µg/L	<67	<51	<51	<48	<52	<40	<62	466	<72	765 J	16300	<40	<69	209	<65	<130
MW-21	10/28/2014	µg/L	<67	<51	<51	<48	<52	<40	<62	733	<72	<400	14500	<40	<69	354	<65	<130
MW-21	4/22/2015	µg/L	<0.26	<0.2	1	<0.2	<0.22	<0.29	<0.3	351	<0.2	<2	14500	<0.4	<0.21	225	<0.25	0.89 J
MW-21	10/28/2015	µg/L	<13	<10	<14	<10	<11	<15	<15	339	<10	<100	14600	<20	<10	180	<13	<26
MW-21	4/12/2016	µg/L	<10	<13	<11	<14	<12	<12	<15	383	<13	<100	13200	<10	<17	216	<16	<28
MW-21	10/25/2016	µg/L	<0.5	<0.64	<0.54	<0.71	<0.6	<0.58	<0.75	4.2	<0.65	<5	181	<0.5	<0.83	2.3 J	<0.79	<1.4
MW-21	4/12/2017	µg/L	<0.25	<0.34	1.2	<0.31	<0.24	<0.53	<0.3	595	<0.28	<2	18000	<0.3	0.38 J	260	<0.41	1.7 J
MW-21	10/18/2017	µg/L	<62	<85	<81	<78	<61	<130	292	573	<69	<500	23900	<75	<55	252	<100	<180
MW-21	5/10/2018	µg/L	<62	<85	<81	<78	<61	<130	98.8 J	777	<69	<500	25600	<75	<55	311	<100	<180
MW-21	10/31/2018	µg/L	<62	<85	<81	<78	<61	<130	<75	889	<69	<500	23300	<75	<55	384	<100	<180
MW-21	4/23/2019	µg/L	<62	<85	<81	<78	<61	<130	<75	817	<69	<500	20800	<75	<55	314	<100	<180
MW-21	10/16/2019	µg/L	<62	<85	<81	<78	<61	<130	<75	785	<69	<500	24,000	<75	<55	403	<100	<180
MW-21	4/15/2020	µg/L	<25	<34	<32	<31	<24	<34	<30	343	<28	<200	17600	<30	<22	181	<41	<72
MW-21	10/20/2020	µg/L	<50	<68	<64	<62	<48	<110	<60	689	<55	<400	13900	<60	<44	314	<82	<140
MW-21	4/14/2021	µg/L	<50	<68	<64	<62	<48	<110	<60	359	<55	<400	13600	<60	<44	199 J	<82	<140
MW-21	10/20/2021	µg/L	<50	<68	<64	<62	<48	<110	<60	464	<55	<400	14500	<60	<44	263	<82	<140
MW-21	4/14/2022	µg/L	<50	<68	<64	<62	<48	<110	<60	791	<55	409 J	10300	<60	<44	296	300	<140
MW-21D	3/11/2014	µg/L	<0.67	<0.51	1.5 J	<0.48	10.4	1.8 J	131	0.84 J	1.8 J	13.3	283	0.41 J	<0.69	<0.6	<0.65	<1.3
MW-21D	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	2	<0.2	<0.34	<0.3	<0.33	<0.66
MW-21D	4/20/2015	µg/L	<0.26	<0.2	0.89 J	<0.2	<0.22	<0.29	<0.3	0.3 J	<0.2	<2	29.4	<0.4	<0.21	<0.22	<0.25	<0.51
MW-21D	10/27/2015	µg/L	<0.26	<0.2	0.36 J	<0.2	<0.22	<0.29	<0.3	0.23 J	<0.2	2.2 J	90.8	<0.4	<0.21	<0.22	<0.25	<0.51
MW-21D	4/12/2016	µg/L	<0.2	<0.26	0.49	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	8.6	<0.2	<0.33	<0.27	<0.31	<0.56
MW-21D	10/25/2016	µg/L	<0.5	<0.64	1.2 J	<0.71	<0.6	<0.58	<0.75	<0.78	<0.65	<5	169	<0.5	<0.83	<0.68	<0.79	<1.4
MW-21D	4/12/2017	µg/L	<0.25	<0.34	2	<0.31	<0.24	<0.53	<0.3	0.74 J	<0.28	<2	74.6	<0.3	<0.22	0.39 J	<0.41	<0.72
MW-21D	10/18/2017	µg/L	<0.25	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	0.81 J	<0.28	<2	72.9	<0.3	<0.22	0.38 J	<0.41	<0.72
MW-21D	5/9/2018	µg/L	<0.25	<0.34	1.6	<0.31	<0.24	<0.53	<0.3	0.52 J	<0.28	<2	109	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	11/1/2018	µg/L	<0.5	<0.68	1.1	<0.62	<0.48	<1.1	<0.6	0.89	<0.55	<4	357	<0.6	<0.44	<0.69	<0.82	<1.4
MW-21D	4/23/2019	µg/L	<0.25	<0.34	1.2	<0.31	<0.24	<0.53	<0.3	0.44	<0.28	<2	38.7	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	10/16/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	83.8	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	9.6	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	10/20/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	9.8	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	4/14/2021	µg/L	<0.25	<0.34	0.9 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	27.5	<0.3	<0.22	<0.35	<0.41	<0.72
MW-21D	10/20/2021	µg/L	<0.25	<0.34	2	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	114	2.1 /B/T	<0.22	0.69 J	<0.41	<0.72
MW-21D	4/13/2022	µg/L	<0.5	<0.68	2	<0.62	<0.48	<1.1	<0.6	1.3 J	<0.55	5.1 J	59.9	<0.6	<0.44	<0.69	<0.82	<1.4
MW-22D	3/11/2014	µg/L	<0.34	<0.26	2.5	<0.24	7.2	<0.2	180	0.35 J	0.68 J	<2	99.8	<0.2	<0.34	0.33 J	<0.33	<0.66
MW-22D	10/28/2014	µg/L	<0.34	<0.26	3.7	<0.24	<0.26	<0.2	<0.31	0.41 J	<0.36	<2	149	<0.2	<0.34	0.86 J	<0.33	<0.66
MW-22D	4/22/2015	µg/L	0.27 J	<0.2	3.8	<0.2	<0.22	<0.29	<0.3	0.56 J	<0.2	<2	107	<0.4	<0.21	0.68 J	<0.25	<0.51
MW-22D	10/27/2015	µg/L	0.38 J	<0.2	2.9	<0.2	<0.22	<0.29	<0.3	0.4 J	<0.2	<2	156	<0.4	<0.21	0.44 J	<0.25	<0.51
MW-22D	4/12/2016	µg/L	<0.2	<0.26	1.5	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	65.7	<0.2	<0.33	0.35	<0.31	<0.56
MW-22D	10/25/2016	µg/L	<0.2	<0.26	2.2	<0.28	<0.24	<0.23	<0.3	0.38 J	<0.26	<2	122	<0.2	<0.33	0.62 J	<0.31	<0.56
MW-22D	4/10/2017	µg/L	<0.5	<0.68	2	<0.62	<0.48	<1.1	<0.6	0.61 J	<0.55	<4	96.6	<0.6	<0.44	0.79 J	<0.82	<1.4
MW-22D	10/18/2017	µg/L	<0.25	<0.34	2.4	<0.31	<0.24	<0.53	<0.3	0.64 J	<0.28	<2	130	<0.3	<0.22	0.63 J	<0.41	<0.72
MW-22D	5/8/2018	µg/L	<0.25	<0.34	2.9	<0.31	<0.24	<0.53	<0.3	0.93 J	<0.28	<2	106	<0.3	<0.22	0.79 J	<0.41	<0.72
MW-22D	10/31/2018	µg/L	<0.25	<0.34	2.8	<0.31	<0.24	<0.53	<0.3	0.93	<0.28	<2	159	<0.3	<0.22	0.74	<0.41	<0.72
MW-22D	4/23/2019	µg/L	<0.5	<0.68	1.6	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	133	<0.6	<0.44	<0.69	<0.82	<1.4
MW-22D	10/15/2019	µg/L	<0.25	<0.34	1.2	<0.31	<0.24	<0.53	<0.3	0.34 J	<0.28	<2	82.4	<0.3	<0.22	0.48 J	<0.41	<0.72
MW-22D	4/14/2020	µg/L	<0.25	<0.34	1.4	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	81.1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-22D	10/20/2020	µg/L	<0.25	<0.34	1.1	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	87.5	<0.3	<0.22	<0.35	<0.41	<0.72
MW-22D	4/13/2021	µg/L	<0.25	<0.34	1	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	80.7	<0.3	<0.22	<0.35	<0.41	<0.72
MW-22D	10/19/2021	µg/L	<0.25	<0.34	1.4	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	89.9	0.49 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-22D	4/13/2022	µg/L	<0.25	<0.34	1.4	<0.31	<0.24	<0.53	<0.3	0.46 J	<0.28	<2	81.8	<0.3	<0.22	<0.35	<0.41	<0.72
MW-23D	3/12/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-23D	10/28/2014	µg/L	<0.34	<0.26	<0.25	<0.24	<0.26	<0.2	<0.31	<0.33	<0.36	<2	<0.26	<0.2	<0.34	<0.3	<0.33	<0.66
MW-23D	4/21/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-23D	10/27/2015	µg/L	<0.26	<0.2	<0.27	<0.2	<0.22	<0.29	<0.3	<0.22	<0.2	<2	<0.33	<0.4	<0.21	<0.22	<0.25	<0.51
MW-23D	4/13/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-23D	10/26/2016	µg/L	<0.2	<0.26	<0.22	<0.28	<0.24	<0.23	<0.3	<0.31	<0.26	<2	<0.3	<0.2	<0.33	<0.27	<0.31	<0.56
MW-23D	4/10/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-23D	10/17/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-23D	5/8/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-23D	11/1/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-23D	10/15/2019	µg/L																

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane	Bromodichloro-methane	Carbon disulfide	Chloroform	cis-1,2-Dichloroethylene	Dibromochloro-methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-24	12/4/2015	µg/L	<1.3	<1	<1.4	<1	<1.1	<1.5	<1.5	2.9	<1	<10	344	<2	<1	<1.1	<1.3	<2.6
MW-24	4/12/2016	µg/L	<1	<1.3	<1.1	<1.4	<1.2	<1.2	<1.5	59.2	<1.3	<10	1160	<1	<1.7	6.1	<1.6	<2.8
MW-24	10/24/2016	µg/L	<4	<5.1	<4.3	<5.7	<4.8	<4.6	<6	22.9	<5.2	<40	1340	<4	<6.6	<5.4	<6.3	<11
MW-24	4/12/2017	µg/L	<5	<6.8	<6.4	<6.2	<4.8	<11	<6	52.7	<5.5	<40	2070	<6	<4.4	8.4 J	<8.2	<14
MW-24	10/18/2017	µg/L	<5	<6.8	<6.4	<6.2	<4.8	<11	<6	49.9	<5.5	<40	1600	7.2 J	<4.4	<6.9	<8.2	<14
MW-24	5/9/2018	µg/L	<5	<6.8	<6.4	<6.2	<4.8	<11	<6	43.5	<5.5	<40	2050	<6	<4.4	<6.9	<8.2	<14
MW-24	11/1/2018	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	55.3	<6.9	<50	2320	<7.5	<5.5	<8.6	<10	<18
MW-24	4/24/2019	µg/L	<5	<6.8	<6.4	<6.2	<4.8	<11	<6	27.4	<5.5	<40	2290	<6	<4.4	<6.9	<8.2	<14
MW-24	10/16/2019	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	34.8	<6.9	<50	2270	<7.5	<5.5	<8.6	<10	<18
MW-24	4/15/2020	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	31	<6.9	<50	2170	<7.5	<5.5	<8.6	<10	<18
MW-24	10/20/2020	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	14.8 J	<6.9	<50	1850	<7.5	<5.5	<8.6	<10	<18
MW-24	4/13/2021	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	16.8 J	<6.9	<50	1910	<7.5	<5.5	<8.6	<10	<18
MW-24	10/19/2021	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	<6.9	<6.9	<50	1230	<7.5	<5.5	<8.6	<10	<18
MW-24	4/14/2022	µg/L	<6.2	<8.5	<8.1	<7.8	<6.1	<13	<7.5	9.1 J	<6.9	59.3 J	1670	<7.5	<5.5	<8.6	<10	<18
MW-25D	12/4/2015	µg/L	<0.26	<0.2	3.4	<0.2	<0.22	<0.29	<0.3	1.3	<0.2	<2	129	<0.4	<0.21	0.95	<0.25	<0.51
MW-25D	4/12/2016	µg/L	<0.2	<0.26	3.4	<0.28	<0.24	<0.23	<0.3	1.1	<0.26	<2	74.8	<0.2	<0.33	0.96	<0.31	<0.56
MW-25D	10/25/2016	µg/L	<0.4	<0.51	2.3	<0.57	<0.48	<0.46	<0.6	0.89 J	<0.52	6.1 J	125	<0.4	<0.66	0.84 J	<0.63	<1.1
MW-25D	4/10/2017	µg/L	<0.5	<0.68	3.1	<0.62	<0.48	<1.1	<0.6	1 J	<0.55	<4	105	<0.6	<0.44	0.88 J	<0.82	<1.4
MW-25D	10/18/2017	µg/L	<0.25	<0.34	3.1	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	116	<0.3	<0.22	0.8 J	<0.41	<0.72
MW-25D	5/8/2018	µg/L	<0.25	<0.34	3.8	<0.31	<0.24	<0.53	<0.3	1.4	<0.28	<2	123	<0.3	<0.22	0.98 J	<0.41	<0.72
MW-25D	10/31/2018	µg/L	<0.5	<0.68	3.3	<0.62	<0.48	<1.1	<0.6	1.7	<0.55	<4	158	<0.6	<0.44	0.91	<0.82	<1.4
MW-25D	4/23/2019	µg/L	<0.5	<0.68	3.1	<0.62	<0.48	<1.1	<0.6	1	<0.55	<4	195	<0.6	<0.44	1.2	<0.82	<1.4
MW-25D	10/15/2019	µg/L	<0.62	<0.85	2.5	<0.78	<0.61	<1.3	<0.75	0.8 J	<0.69	<5	130	<0.75	<0.55	1.2 J	<1	<1.8
MW-25D	4/14/2020	µg/L	<0.5	<0.68	2.4	<0.62	<0.48	<1.1	<0.6	0.97 J	<0.55	<4	102	<0.6	<0.44	0.95 J	<0.82	<1.4
MW-25D	10/19/2020	µg/L	<0.5	<0.68	2.3	<0.62	<0.48	<1.1	<0.6	1.2 J	<0.55	<4	124	<0.6	<0.44	1 J	<0.82	<1.4
MW-25D	4/13/2021	µg/L	<0.5	<0.68	2.1	<0.62	<0.48	<1.1	<0.6	0.8 J	<0.55	<4	110	<0.6	<0.44	0.85 J	<0.82	<1.4
MW-25D	10/19/2021	µg/L	<0.5	<0.68	2.5	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	115	<0.6	<0.44	<0.69	<0.82	<1.4
MW-25D	4/13/2022	µg/L	<0.5	<0.68	1.7 J	<0.62	<0.48	<1.1	<0.6	1.1 J	<0.55	4.7 J	96.1	<0.6	<0.44	<0.69	<0.82	<1.4
MW-26D	12/4/2015	µg/L	<0.26	<0.2	1.9	<0.2	<0.22	<0.29	<0.3	1.1	<0.2	<2	98.1	<0.4	<0.21	1.1	<0.25	<0.51
MW-26D	4/12/2016	µg/L	<0.2	<0.26	1.8	<0.28	<0.24	<0.23	<0.3	0.93	<0.26	<2	62.6	<0.2	<0.33	1.1	<0.31	<0.56
MW-26D	10/25/2016	µg/L	<0.2	<0.26	1.6	<0.28	<0.24	<0.23	<0.3	1	<0.26	<2	75	<0.2	<0.33	0.97 J	<0.31	<0.56
MW-26D	4/10/2017	µg/L	<0.25	<0.34	1.9	<0.31	<0.24	<0.53	<0.3	0.97 J	<0.28	<2	75.2	<0.3	<0.22	1.2	<0.41	<0.72
MW-26D	10/18/2017	µg/L	<0.25	<0.34	1.9	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	76	<0.3	<0.22	1.1	<0.41	<0.72
MW-26D	5/8/2018	µg/L	<0.25	<0.34	2	<0.31	<0.24	<0.53	<0.3	1.2	<0.28	<2	88.6	<0.3	<0.22	1.2	<0.41	<0.72
MW-26D	10/31/2018	µg/L	<0.25	<0.34	2.4	<0.31	<0.24	<0.53	<0.3	1.6	<0.28	<2	89.5	<0.3	<0.22	1.2	<0.41	<0.72
MW-26D	4/23/2019	µg/L	<0.25	<0.34	1.3	<0.31	<0.24	<0.53	<0.3	0.79	<0.28	<2	89.9	<0.3	<0.22	1.2	<0.41	<0.72
MW-26D	10/15/2019	µg/L	<0.25	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	84.1	<0.3	<0.22	1.2	<0.41	<0.72
MW-26D	4/14/2020	µg/L	<0.25	<0.34	1.3	<0.31	<0.24	<0.53	<0.3	0.83 J	<0.28	<2	55.7	<0.3	<0.22	1.2	<0.41	<0.72
MW-26D	10/20/2020	µg/L	<0.25	<0.34	1.3	<0.31	<0.24	<0.53	<0.3	1	<0.28	<2	69.3	<0.3	<0.22	1.1	<0.41	<0.72
MW-26D	4/13/2021	µg/L	<0.25	<0.34	0.95 J	<0.31	<0.24	<0.53	<0.3	0.88 J	<0.28	<2	53.3	<0.3	<0.22	0.83 J	<0.41	<0.72
MW-26D	10/19/2021	µg/L	<0.25	<0.34	0.99 J	<0.31	<0.24	<0.53	<0.3	1	<0.28	<2	52.4	0.8 J/B/T	<0.22	1.1	<0.41	<0.72
MW-26D	4/13/2022	µg/L	<0.25	<0.34	1	<0.31	<0.24	<0.53	<0.3	0.98 J	<0.28	<2	52.1	0.73 J/B/T	<0.22	1	<0.41	<0.72
MW-27	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	10/18/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.39 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	5/8/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	4/23/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	4/14/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-27	10/19/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.5 /B/T	<0.22	<0.35	<0.41	<0.72
MW-28	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.24 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	10/18/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	5/8/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	4/23/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	4/14/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-28	10/19/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.2 J/B/T	<0.22	<0.35	<0.41	<0.72

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

Well No.	Sample Date	Units	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane	Bromodichloro-methane	Carbon disulfide	Chloroform	cis-1,2-Dichloroethylene	Dibromochloro-methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-29	4/12/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	5.4	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	10/18/2017	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.56 J	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	5/8/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	10/30/2018	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	4/23/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	10/15/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	4/14/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-29	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-30D	4/13/2017	µg/L	<0.25	<0.34	2.3	<0.31	<0.24	<0.53	0.41 J	0.64 J	<0.28	<2	75.2	<0.3	<0.22	0.87 J	<0.41	<0.72
MW-30D	10/18/2017	µg/L	<0.25	<0.34	2.1	<0.31	<0.24	<0.53	<0.3	0.43 J	<0.28	<2	88.1	<0.3	<0.22	0.49 J	<0.41	<0.72
MW-30D	5/8/2018	µg/L	<0.25	<0.34	3.1	<0.31	<0.24	0.65 J	<0.3	0.97 J	<0.28	<2	86.7	<0.3	<0.22	1.1	<0.41	<0.72
MW-30D	10/29/2018	µg/L	<0.25	<0.34	3.3	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	140	<0.3	<0.22	1	<0.41	<0.72
MW-30D	4/22/2019	µg/L	<0.5	<0.68	2.4	<0.62	<0.48	<0.6	<0.6	1	<0.55	<4	149	<0.6	<0.44	<0.69	<0.82	<1.4
MW-30D	10/14/2019	µg/L	<0.5	<0.68	2.3	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	107	<0.6	<0.44	0.77 J	<0.82	<1.4
MW-30D	4/14/2020	µg/L	<0.25	<0.34	1.2	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	67.9	<0.3	<0.22	1.3	<0.41	<0.72
MW-30D	10/19/2020	µg/L	<0.25	<0.34	2	<0.31	<0.24	<0.53	<0.3	0.99 J	<0.28	<2	80.2	<0.3	<0.22	0.8 J	<0.41	<0.72
MW-30D	4/12/2021	µg/L	<0.25	<0.34	2	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	87.7	<0.3	<0.22	1.2	<0.41	<0.72
MW-30D	10/19/2021	µg/L	<0.25	<0.34	1.7	<0.31	<0.24	<0.53	<0.3	1.2	<0.28	<2	85.9	0.42 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-30D	4/13/2022	µg/L	<0.25	<0.34	1.5	<0.31	<0.24	<0.53	<0.3	1.1	<0.28	<2	68.4	<0.3	<0.22	1.1	<0.41	<0.72
MW-31D	4/13/2017	µg/L	<0.25	<0.34	3.1	<0.31	0.82 J	<0.53	1.8	<0.28	<0.28	<2	89.2	<0.3	<0.22	0.41 J	<0.41	2.6 J
MW-31D	10/18/2017	µg/L	<0.25	<0.34	4.7	<0.31	<0.24	<0.53	<0.3	2	<0.28	<2	161	<0.3	<0.22	0.61 J	<0.41	<0.72
MW-31D	5/8/2018	µg/L	<0.25	<0.34	6	<0.31	<0.24	<0.53	<0.3	2.5	<0.28	<2	181	<0.3	<0.22	1	<0.41	<0.72
MW-31D	10/29/2018	µg/L	<0.5	<0.68	4.8	<0.62	<0.48	<0.6	<0.6	2.6	<0.55	<4	230	<0.6	<0.44	0.87	<0.82	<1.4
MW-31D	4/22/2019	µg/L	<0.62	<0.85	4	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	<5	232	<0.75	<0.55	<0.86	<1	<1.8
MW-31D	10/14/2019	µg/L	<0.62	<0.85	4.4	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	<5	192	<0.75	<0.55	<0.86	<1	<1.8
MW-31D	4/14/2020	µg/L	<0.62	<0.85	3.2	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	<5	130	<0.75	<0.55	<0.86	<1	<1.8
MW-31D	10/19/2020	µg/L	<0.62	<0.85	3	<0.78	<0.61	<1.3	<0.75	<0.69	<0.69	<5	144	<0.75	<0.55	<0.86	<1	<1.8
MW-31D	4/12/2021	µg/L	<0.62	<0.85	2.6	<0.78	<0.61	<1.3	<0.75	0.47 J	<0.69	<5	92.2	<0.75	<0.55	0.43 J	<1	<1.8
MW-31D	10/19/2021	µg/L	<0.5	<0.68	3.4	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	<4	137	1.1 J/B/T	<0.44	<0.69	<0.82	<1.4
MW-31D	4/13/2022	µg/L	<0.5	<0.68	2.6	<0.62	<0.48	<1.1	<0.6	<0.55	<0.55	5.7 J	126	<0.6	<0.44	<0.69	<0.82	<1.4
MW-32D	4/13/2017	µg/L	<0.25	<0.34	0.63 J	<0.31	0.27 J	<0.53	0.79 J	<0.28	<0.28	<2	25	<0.3	<0.22	0.36 J	<0.41	1.2 J
MW-32DR	10/18/2017	µg/L	<0.25	<0.34	0.69 J	<0.31	<0.24	<0.53	<0.3	0.33 J	<0.28	<2	26.4	<0.3	<0.22	0.36 J	<0.41	<0.72
MW-32DR	5/8/2018	µg/L	<0.25	<0.34	0.97 J	<0.31	<0.24	<0.53	0.56 J	0.55 J	<0.28	<2	30.4	<0.3	<0.22	0.55 J	<0.41	<0.72
MW-32DR	10/31/2018	µg/L	<0.25	<0.34	0.92	<0.31	<0.24	<0.53	<0.3	0.51	<0.28	<2	39	<0.3	<0.22	0.39	<0.41	<0.72
MW-32DR	4/23/2019	µg/L	<0.25	<0.34	0.62	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	33.9	<0.3	<0.22	0.6	<0.41	<0.72
MW-32DR	10/15/2019	µg/L	<0.25	<0.34	0.66 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	30.5	<0.3	<0.22	0.47 J	<0.41	<0.72
MW-32DR	4/14/2020	µg/L	<0.25	<0.34	0.62 J	<0.31	<0.24	<0.53	<0.3	0.4 J	<0.28	<2	26.2	<0.3	<0.22	0.52 J	<0.41	<0.72
MW-32DR	10/20/2020	µg/L	<0.25	<0.34	0.41 J	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	26.3	<0.3	<0.22	0.47 J	<0.41	<0.72
MW-32DR	4/13/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	16.6	<0.3	<0.22	<0.35	<0.41	<0.72
MW-32DR	10/19/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	14.3	0.92 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-32DR	4/13/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	18.7	0.3 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-33D	11/25/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1	<0.22	<0.35	<0.41	<0.72
MW-33D	4/14/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	0.51 J	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-33D	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	0.35 J	<0.28	<0.28	<2	<0.22	0.33 J	<0.22	<0.35	<0.41	<0.72
MW-33D	4/12/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-33D	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	3.7 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-33D	4/14/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.48 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-34D	11/25/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	0.88 J	<0.28	<0.28	<2	<0.22	1.1	<0.22	<0.35	<0.41	<0.72
MW-34D	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-34D	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-34D	4/13/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-34D	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.2 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-34D	4/14/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	2.2 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-35D	11/25/2019	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.2	<0.22	<0.35	<0.41	<0.72
MW-35D	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-35D	10/19/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-35D	4/13/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
MW-35D	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	1.2 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-35D	4/14/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.61 J/B/T	<0.22	<0.35	<0.41	<0.72
MW-36D	11/25/2019	µg/L	<0.25	<0.34														

Appendix C
Historical VOC Data
Delavan Spray Technologies Site
Bamberg, South Carolina

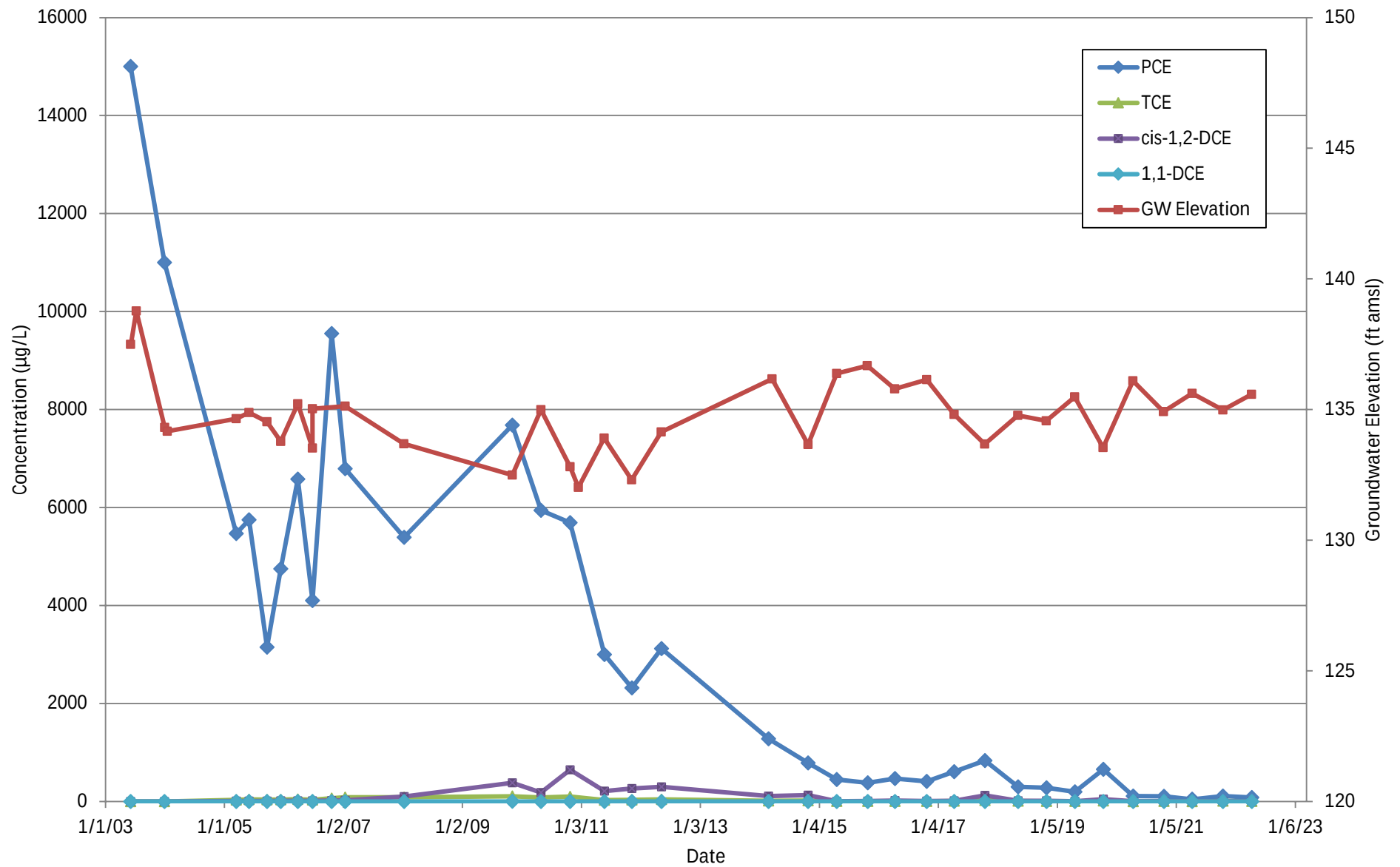
Well No.	Sample Date	Units	1,1,1- Trichloroethane	1,1- Dichloroethane	1,1- Dichloroethylene	1,2- Dichloroethane	Bromodichloro- methane	Carbon disulfide	Chloroform	cis-1,2- Dichloroethylene	Dibromochloro- methane	Methylene Chloride	Tetrachloroethylene	Toluene	trans-1,2- Dichloroethylene	Trichloroethylene	Vinyl Chloride	Xylene (total)
MW-37	7/16/2020	µg/L	40.3 J	<34	70.8 J	<31	<24	<53	<30	<28	<28	<200	13700	<30	<22	<35	<41	<72
MW-37	10/20/2020	µg/L	104 J	<85	95.2 J	<78	<61	<130	<75	<69	<69	<500	24700	<75	<55	<86	<100	<180
MW-37	4/12/2021	µg/L	<62	<85	<81	<78	<61	<130	<75	<69	<69	<500	17400	<75	<55	<86	<100	<180
MW-37	10/18/2021	µg/L	<62	<85	93.5 J	<78	<61	<130	<75	<69	<69	<500	16200	98.7 J/B/T	<55	<86	<100	967
MW-37	4/14/2022	µg/L	134 J	<85	113 J	<78	<61	<130	<75	<69	<69	661 J	27100	<75	<55	<86	<100	<180
MWT-4	8/24/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	68.8	NA	<1.00	136000	8.79	2.03	477	<1.00	37
MWT-5	8/24/2012	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	1.03	<1.00	<1.00	<1.00	<1.00	<3.00
SW-01-LC	1/5/2018	µg/L	NA	NA	NA	NA	NA	NA	NA	<0.08	NA	NA	2.4	NA	NA	<0.11	<0.11	NA
SW-01-LC	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	0.53 J	<0.3	<0.22	<0.35	<0.41	<0.72
SW-01-LC	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	0.44 J	<0.28	<2	2.9	<0.3	<0.22	<0.35	<0.41	<0.72
SW-01-LC	4/14/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	2.1	<0.3	<0.22	<0.35	<0.41	<0.72
SW-01-LC	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	2.8	<0.3	<0.22	<0.35	<0.41	<0.72
SW-01-LC	4/12/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	1	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	1/5/2018	µg/L	NA	NA	NA	NA	NA	NA	NA	<0.08	NA	NA	<0.14	NA	NA	<0.11	<0.11	NA
SW-02-LC	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	4/14/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-02-LC	4/12/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	1/5/2018	µg/L	NA	NA	NA	NA	NA	NA	NA	<0.08	NA	NA	<0.14	NA	NA	<0.11	<0.11	NA
SW-03-HMB	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	4/14/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	0.84 J	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-03-HMB	4/12/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	4/15/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	10/21/2020	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	4/14/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	10/20/2021	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-04-TLC	4/12/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	0.43 J/B/T	<0.22	<0.35	<0.41	<0.72
SW-05-LC	4/12/2022	µg/L	<0.25	<0.34	<0.32	<0.31	<0.24	<0.53	<0.3	<0.28	<0.28	<2	<0.22	<0.3	<0.22	<0.35	<0.41	<0.72
SW-1	6/5/2003	µg/L	<1.0	<1.0	<1.0	NA	NA	NA	NA	1	NA	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<3.0
SW-1	1/9/2008	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
SW-1	11/4/2009	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA
SW-1	4/29/2010	µg/L	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00	NA	<1.00	<1.00	NA	<1.00	<1.00	<1.00	NA

Notes:
µg/L - micrograms per liter MCL - Maximum Contaminant Level NA - Not available/not analyzed NS - No standard

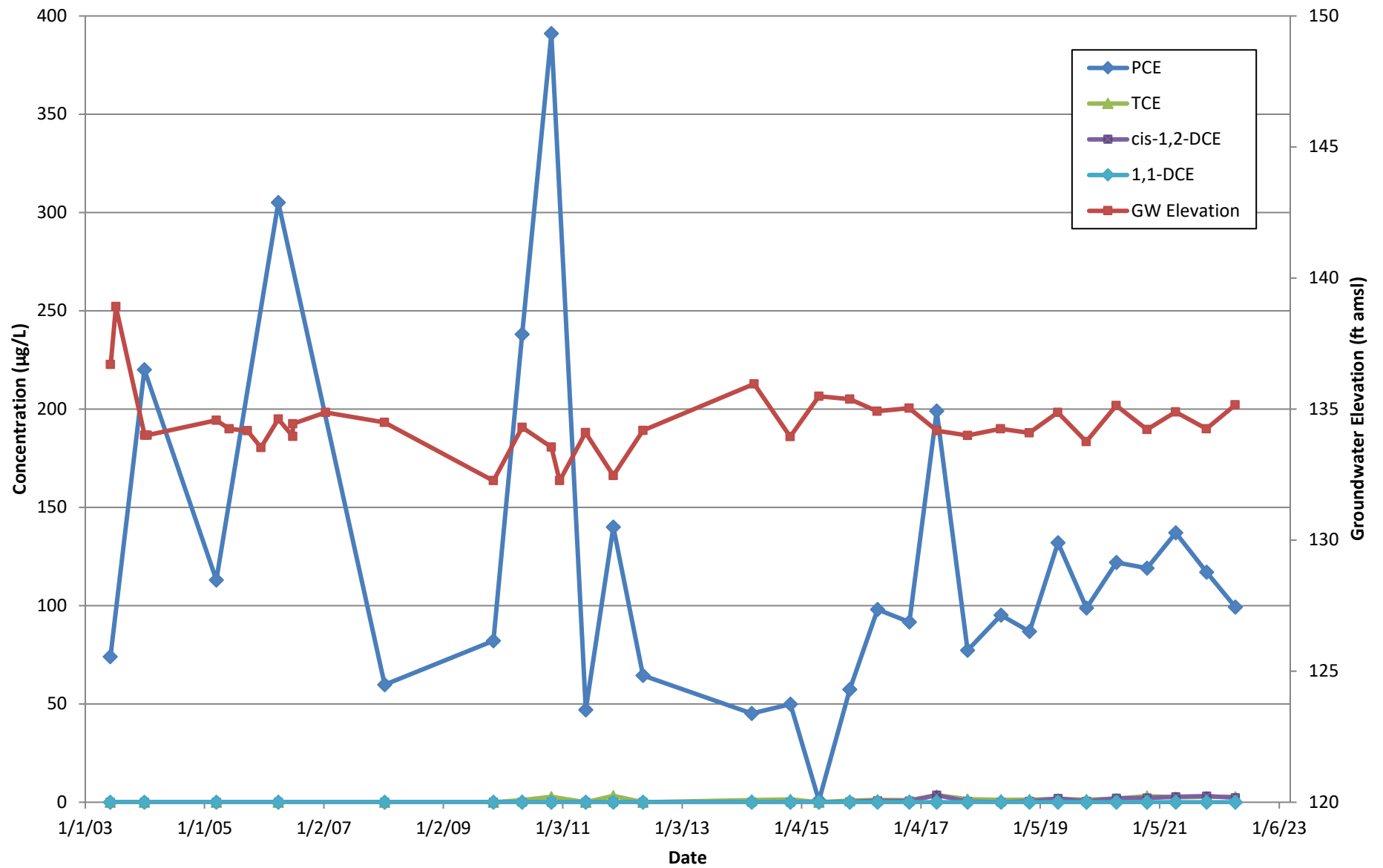
Data Qualifiers:
/B/T - The analyte was found in an associated blank as well as the sample. Detected in the associated trip blank.
E - Indicates value exceeds calibration range
J - Estimated concentration above the method detection limit and below the reporting limit.
/J/A - The analyte was positively identified. The quantitation is estimation. Percent difference between the primary and duplicate sample exceeded the establishedcriteria.
/M/M - A matrix effect was present. Matrix spike recovery exceeded established criteria.
/M/m - A matrix effect was present. Matrix spike recovery below established criteria.
//h - Holding time exceeded by less than two times.
USEPA MCL - United States Environmental Protection Agency Maximum Contaminant Level (March, 2018).
Bold outline indicates the concentration exceeds the MCL.

APPENDIX D
TREND PLOTS

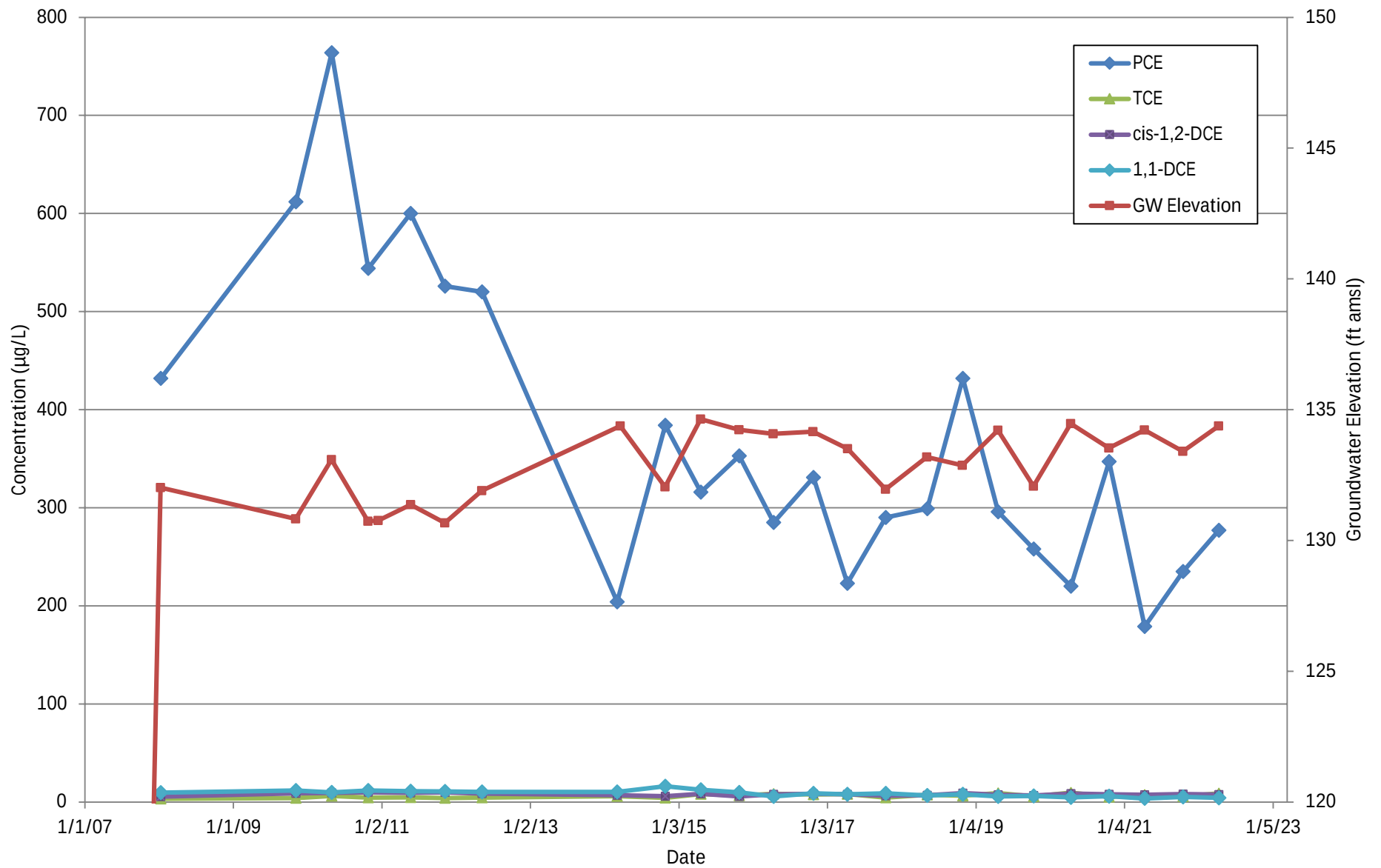
MW-1 Concentrations and Groundwater Elevation with Time



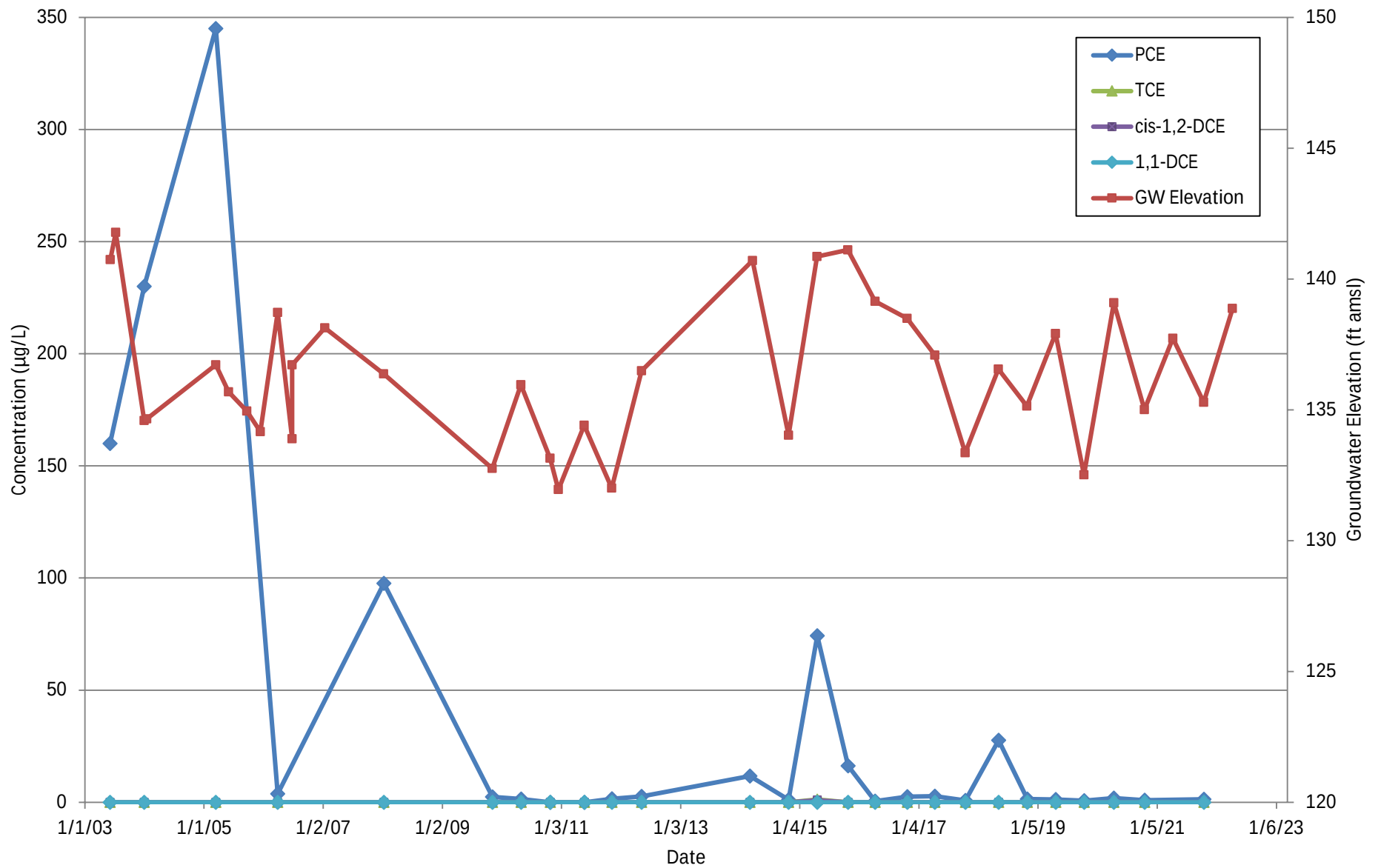
MW-3 Concentrations and Groundwater Elevation with Time



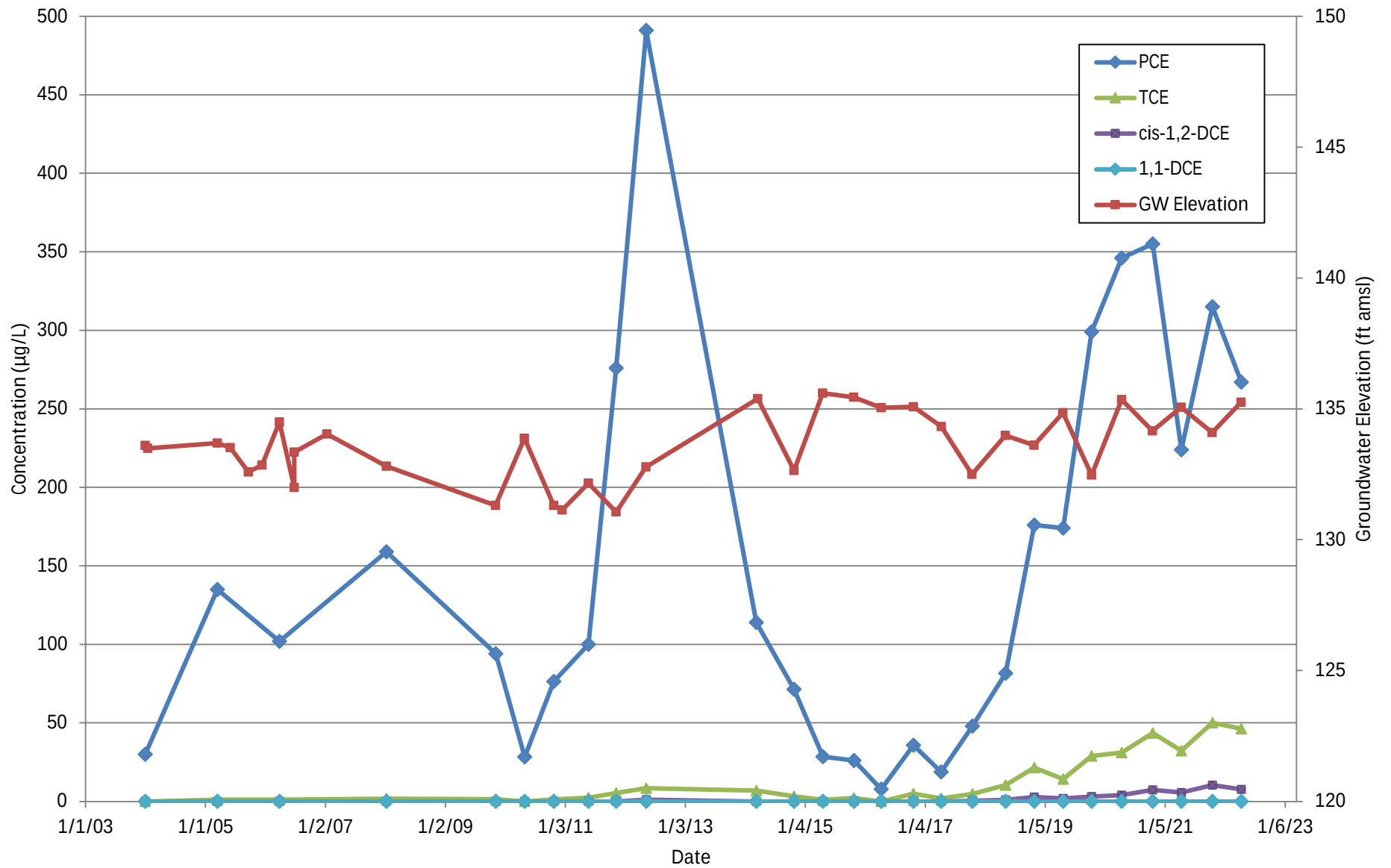
MW-3D Concentrations and Groundwater Elevation with Time



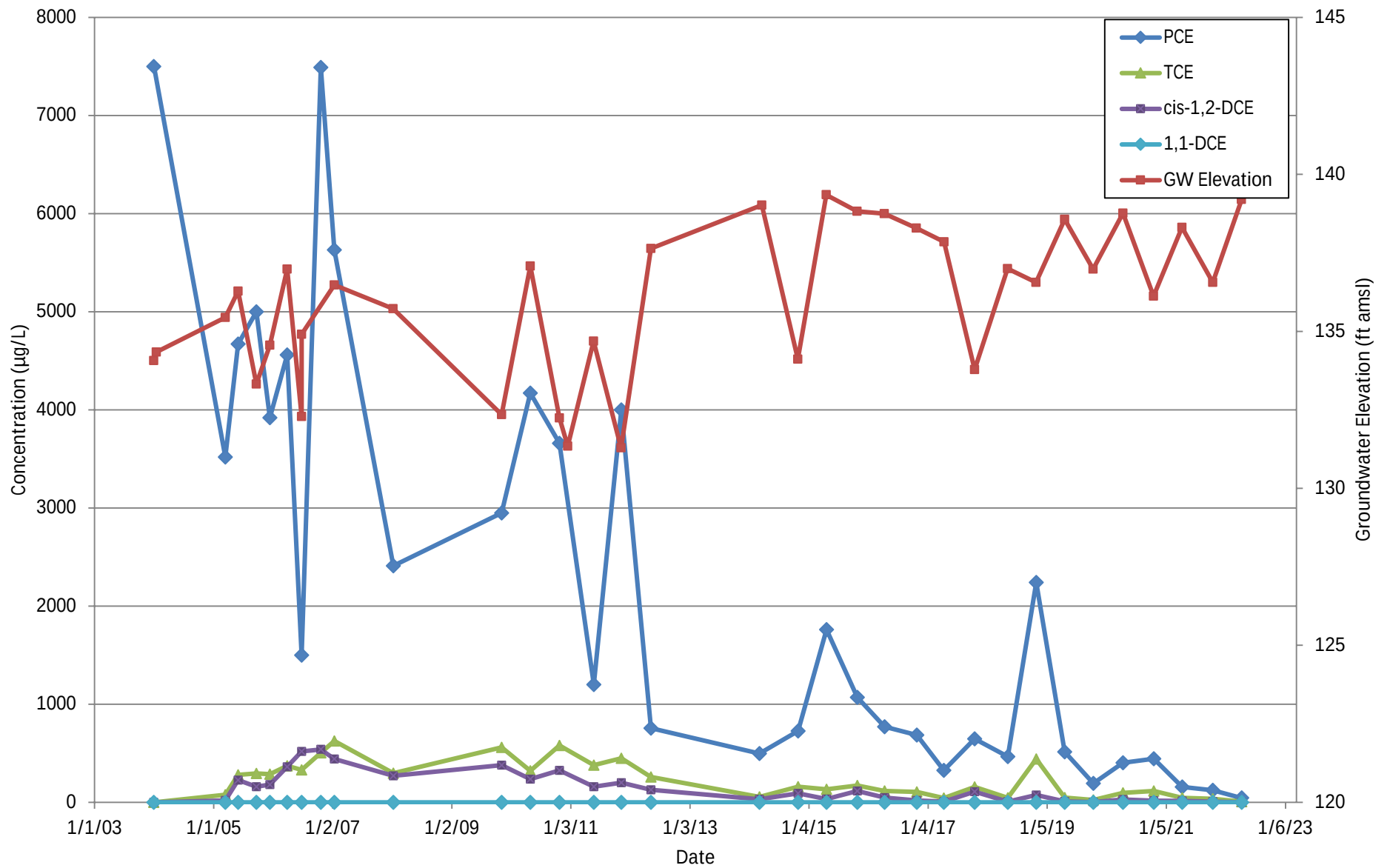
MW-5 Concentrations and Groundwater Elevation with Time



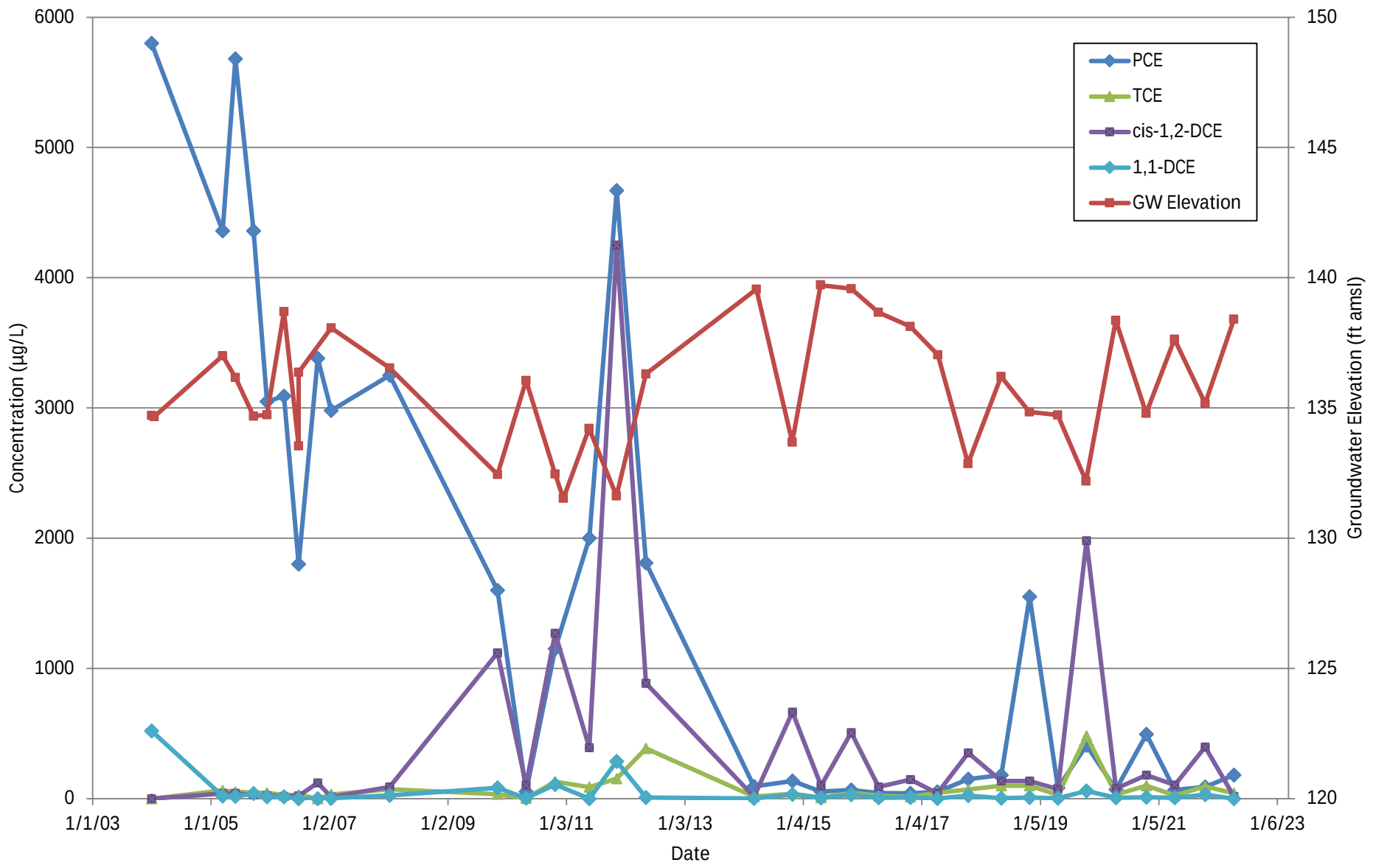
MW-8 Concentrations and Groundwater Elevation with Time



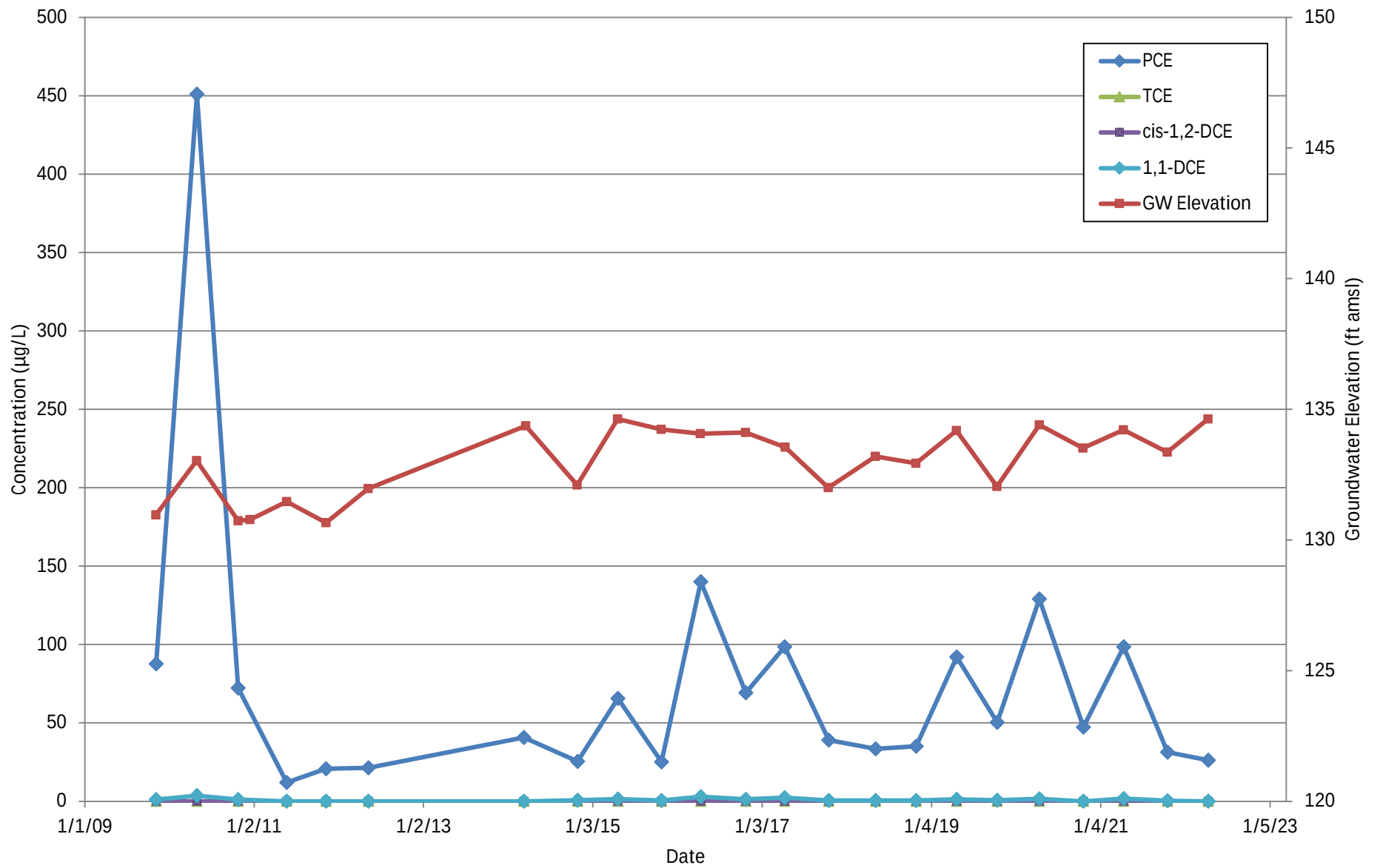
MW-9 Concentrations and Groundwater Elevation with Time



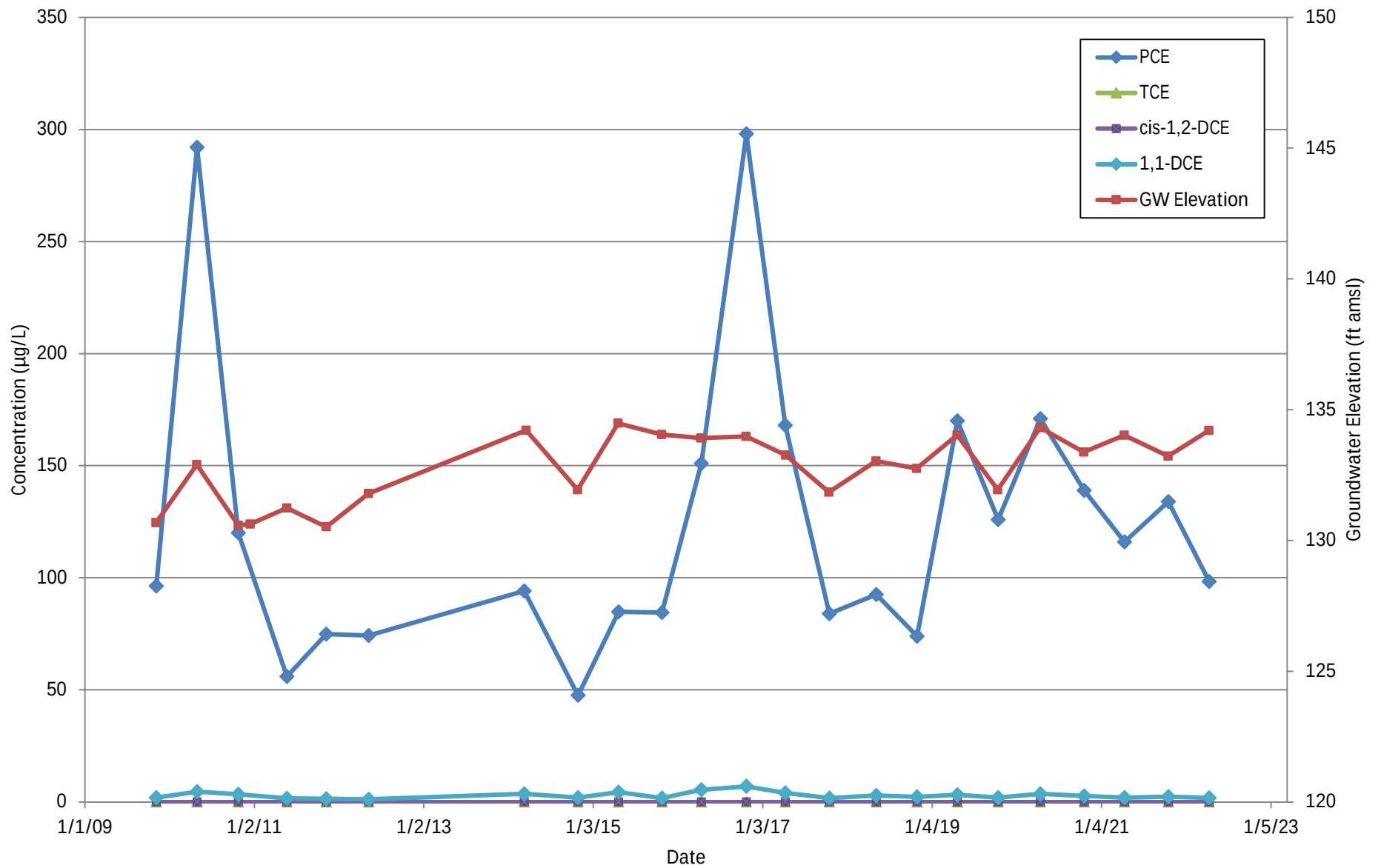
MW-10 Concentrations and Groundwater Elevation with Time



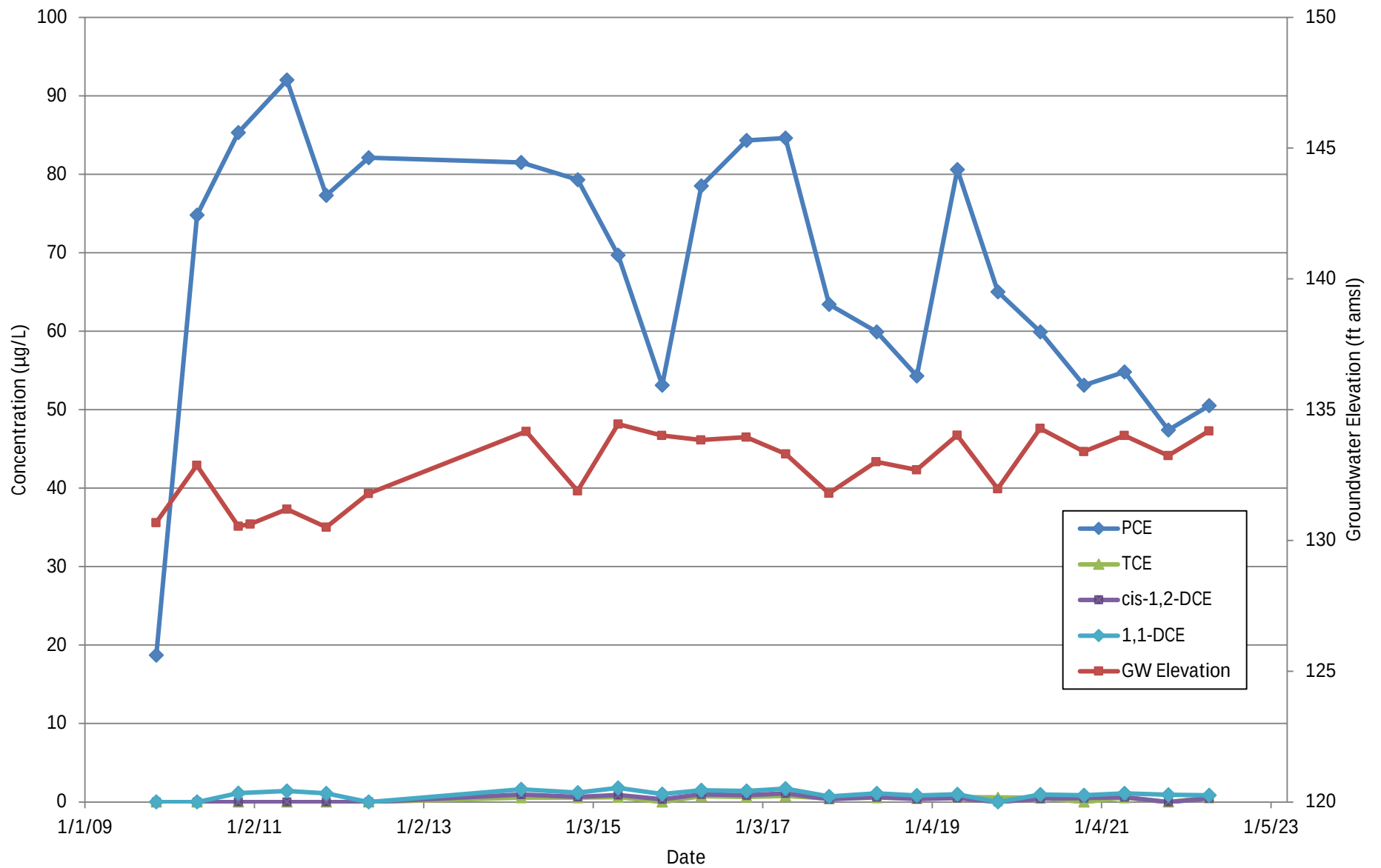
MW-12D Concentrations and Groundwater Elevation with Time



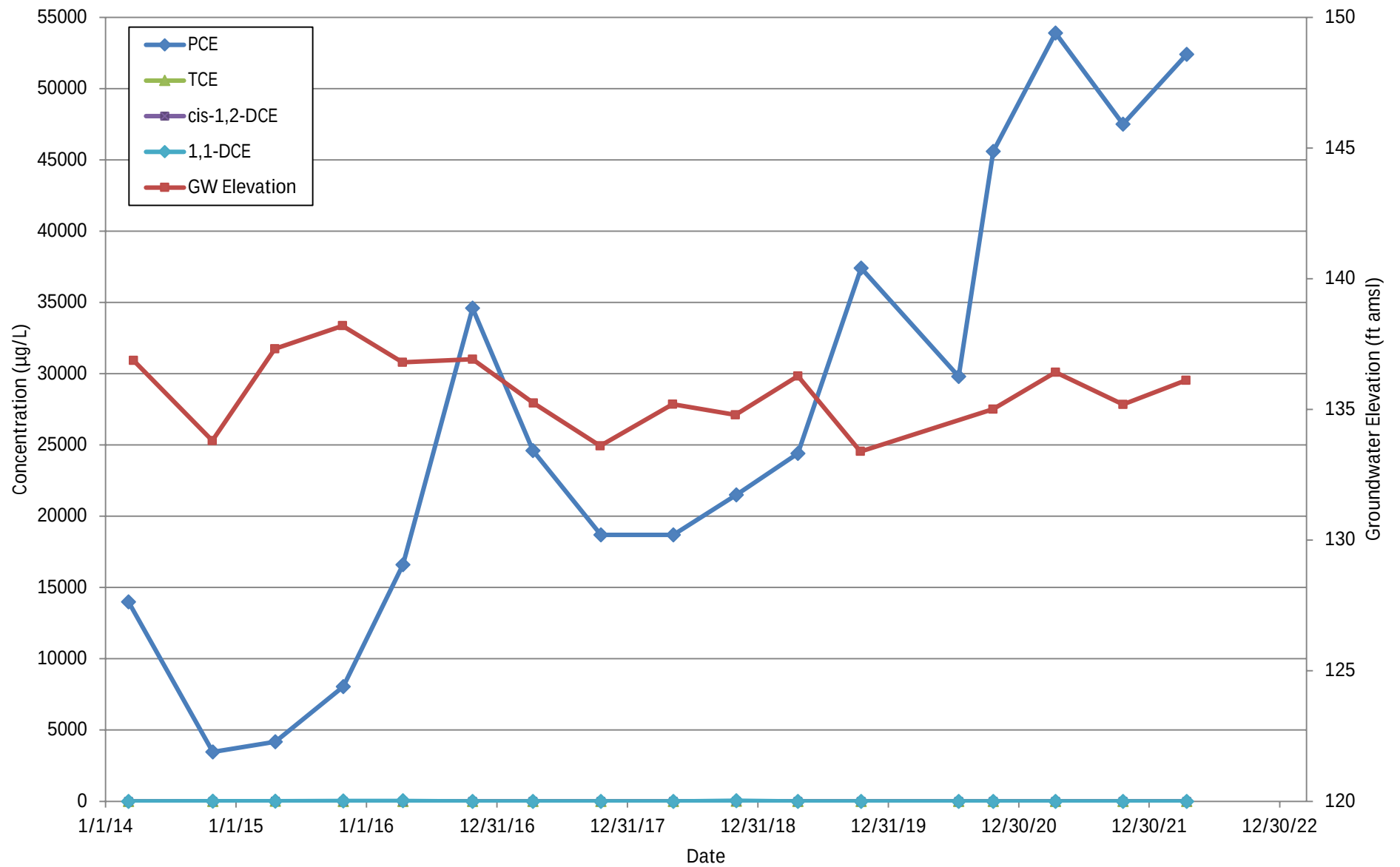
MW-13D Concentrations and Groundwater Elevation with Time



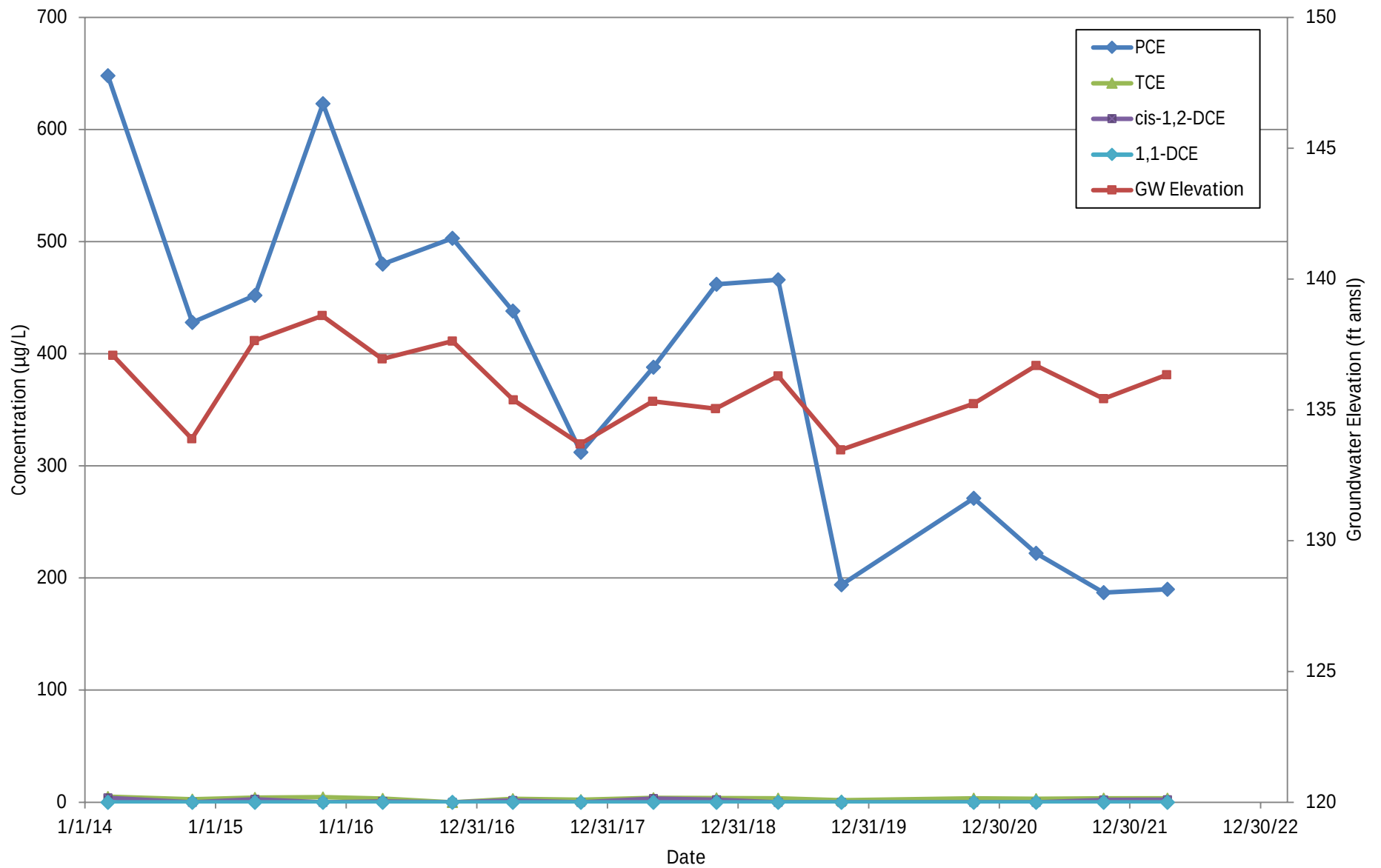
MW-14D Concentrations and Groundwater Elevation with Time



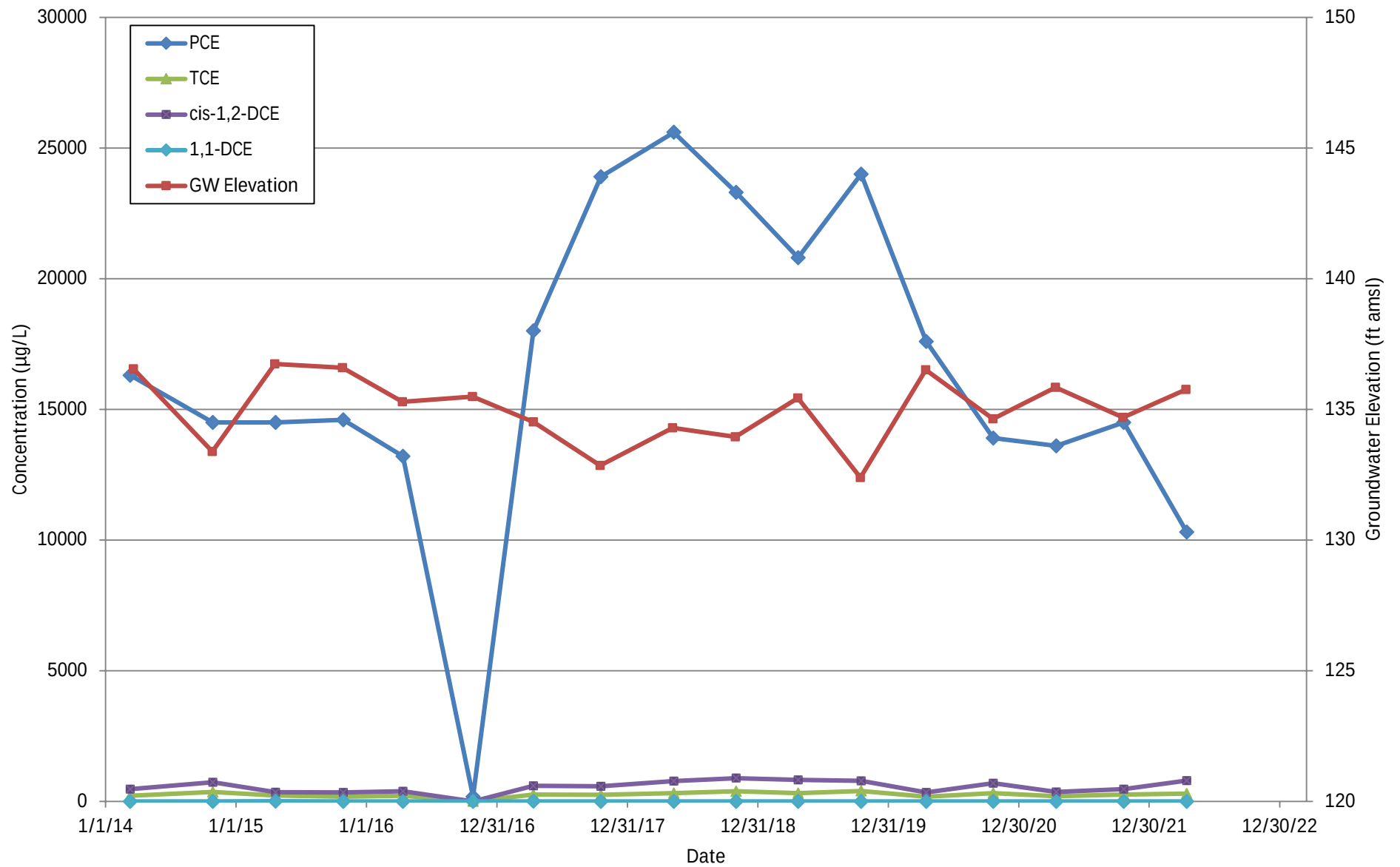
MW-19 Concentrations and Groundwater Elevation with Time



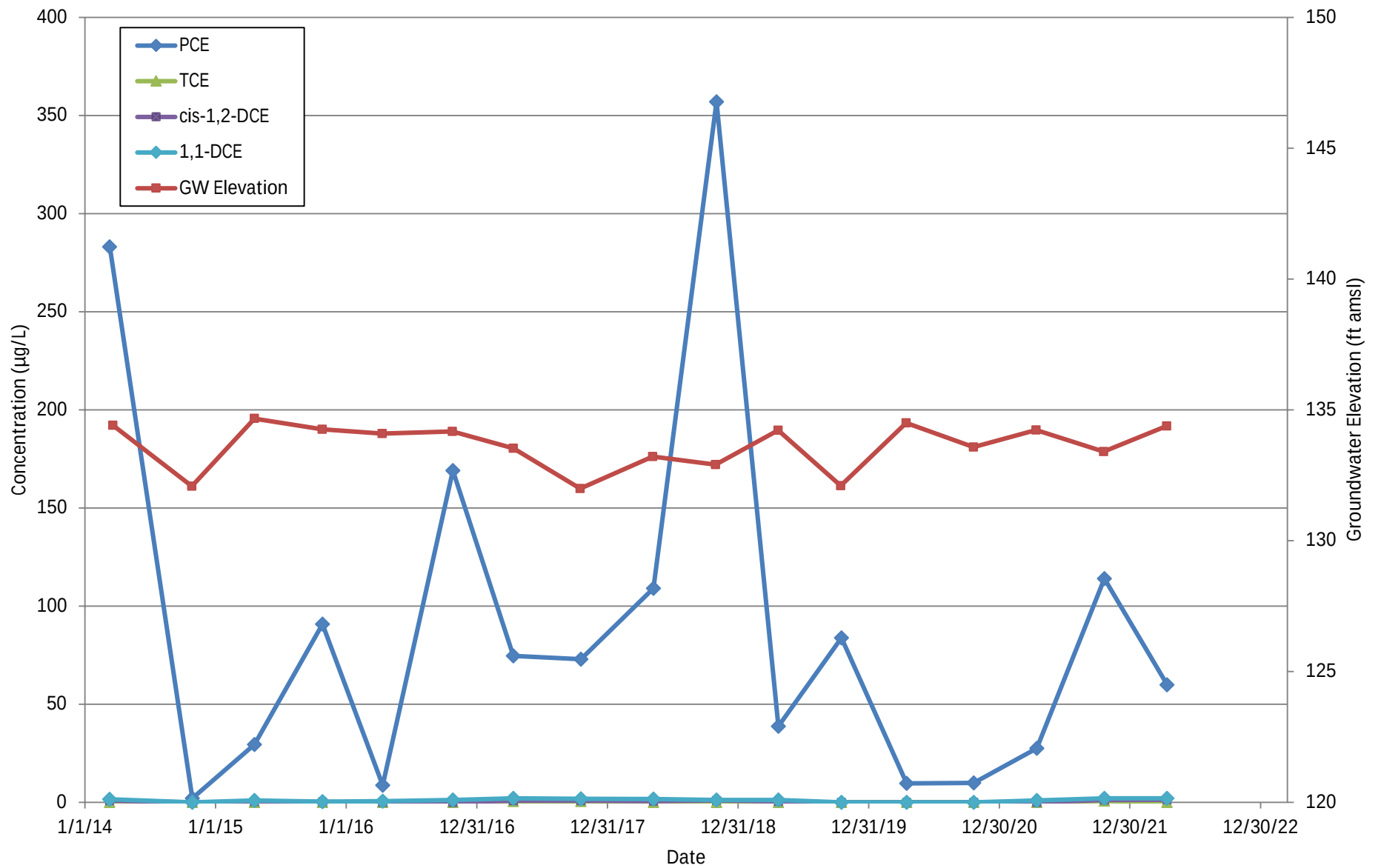
MW-20 Concentrations and Groundwater Elevation with Time



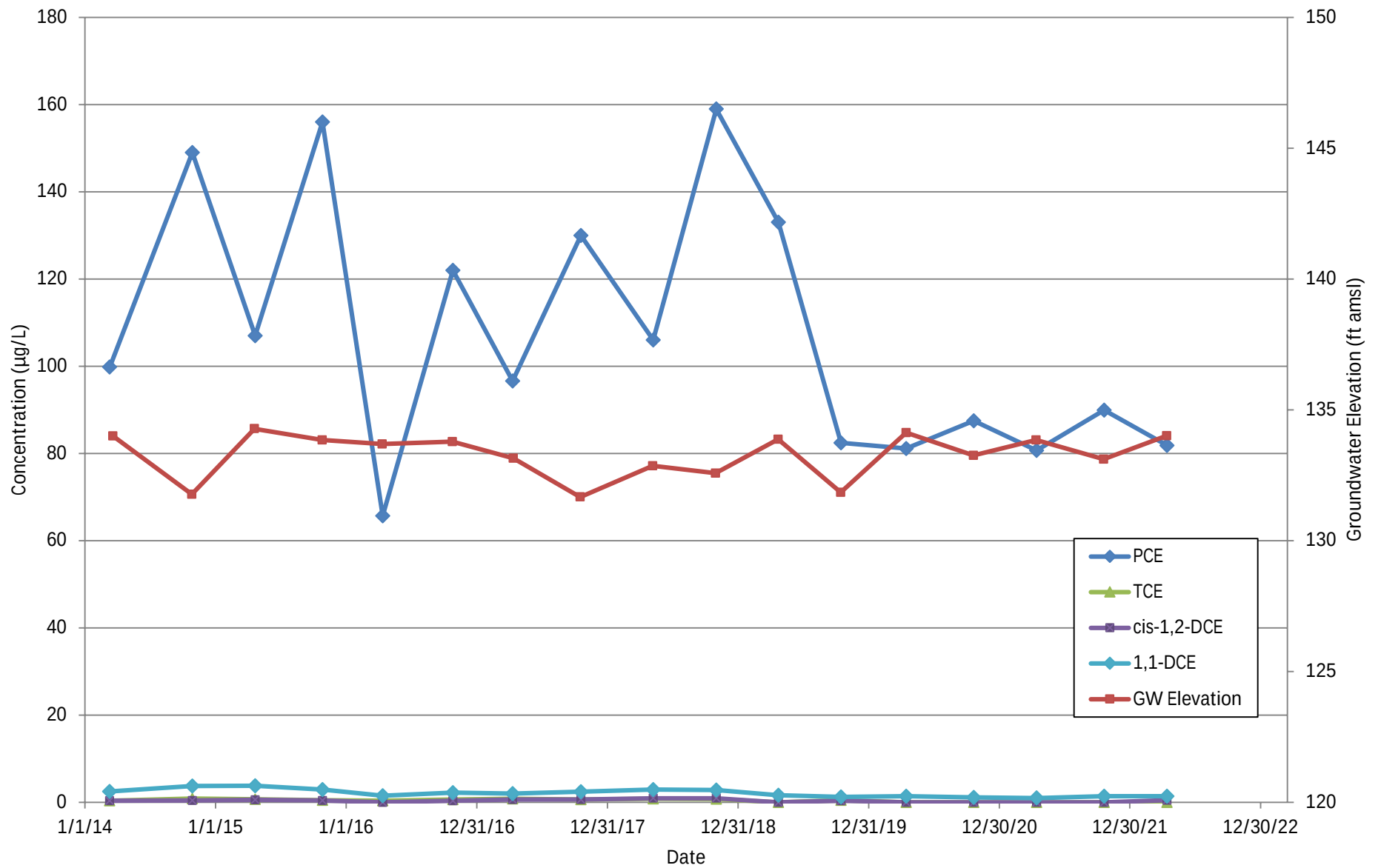
MW-21 Concentrations and Groundwater Elevation with Time



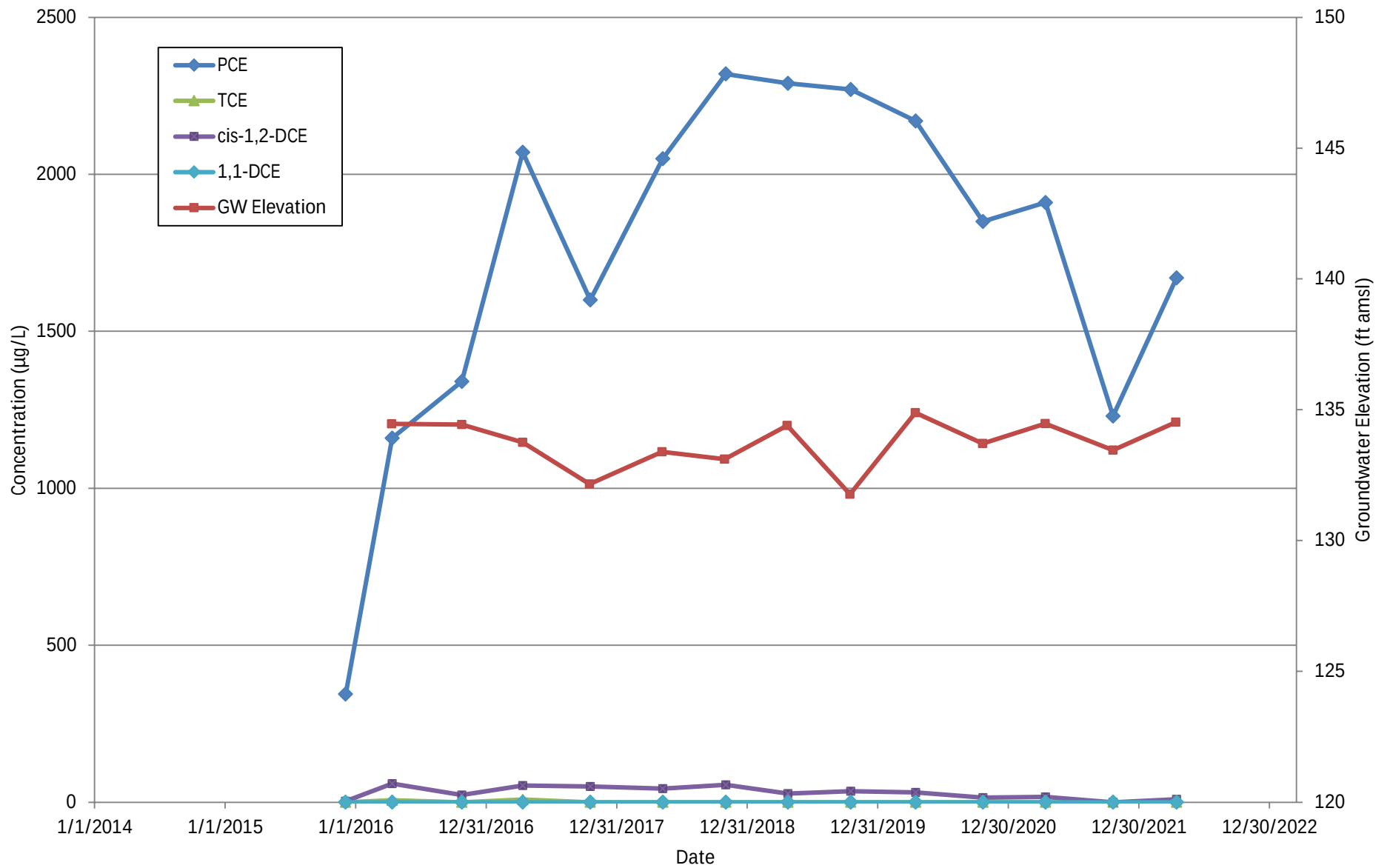
MW-21D Concentrations and Groundwater Elevation with Time



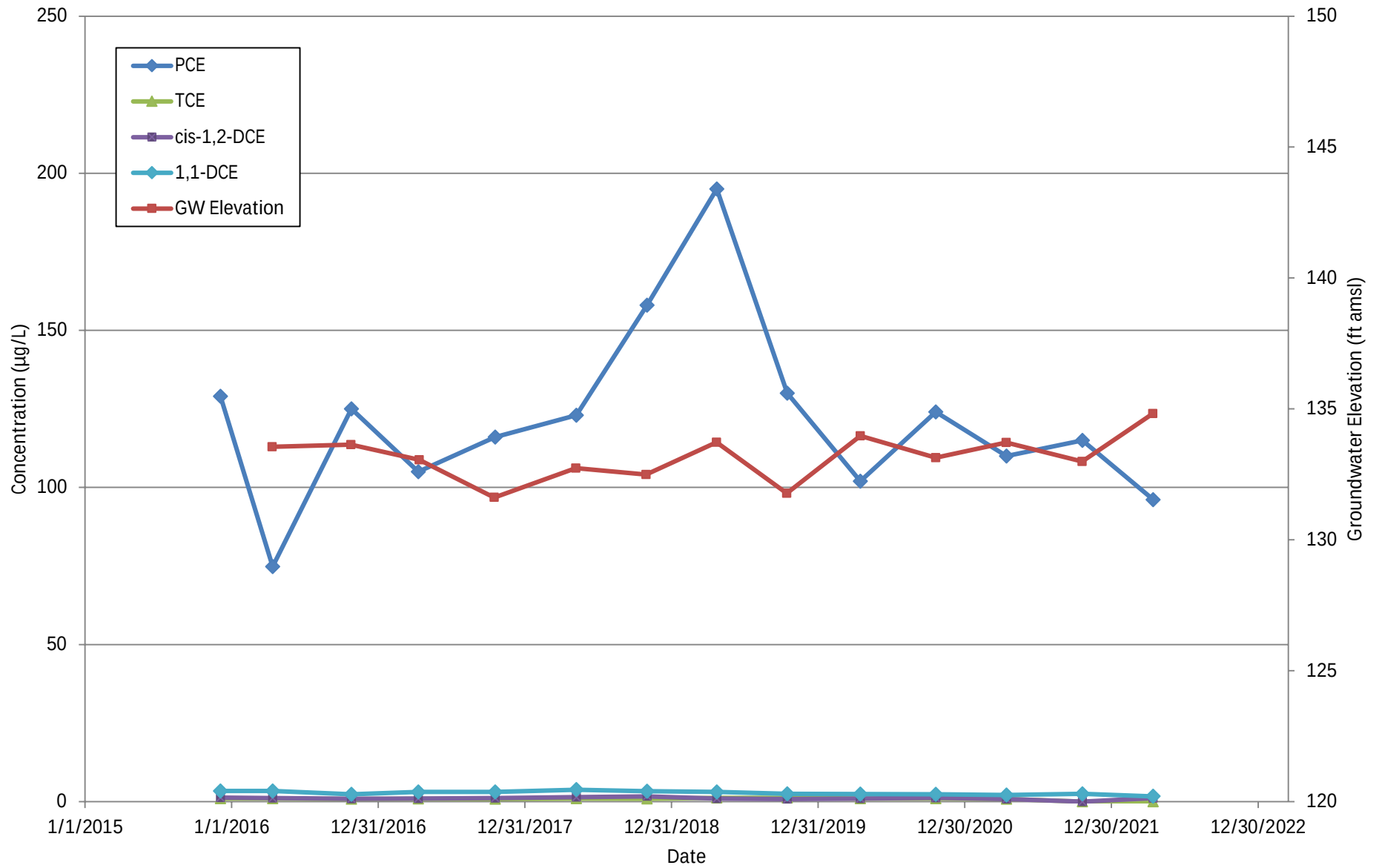
MW-22D Concentrations and Groundwater Elevation with Time



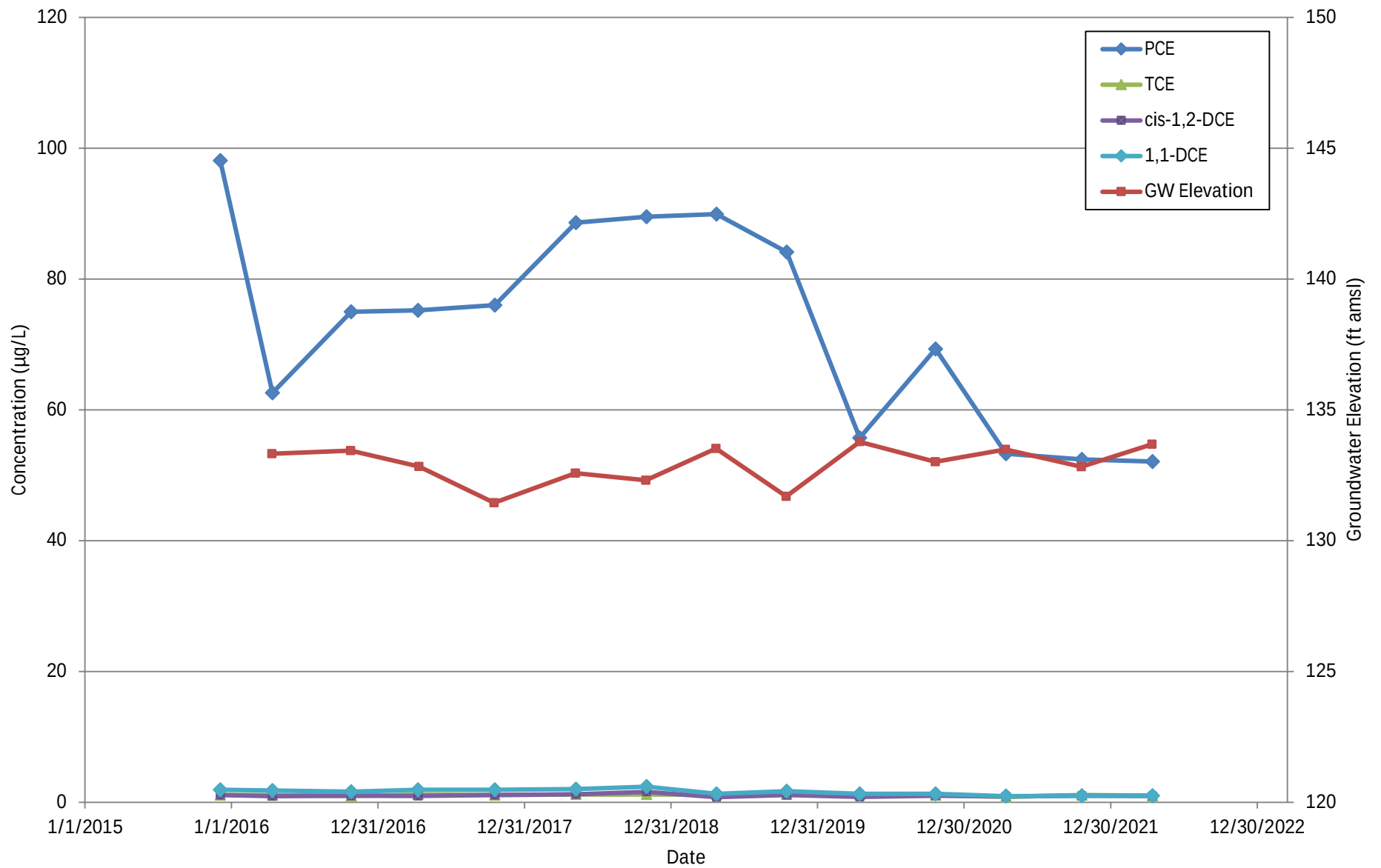
MW-24 Concentrations and Groundwater Elevation with Time



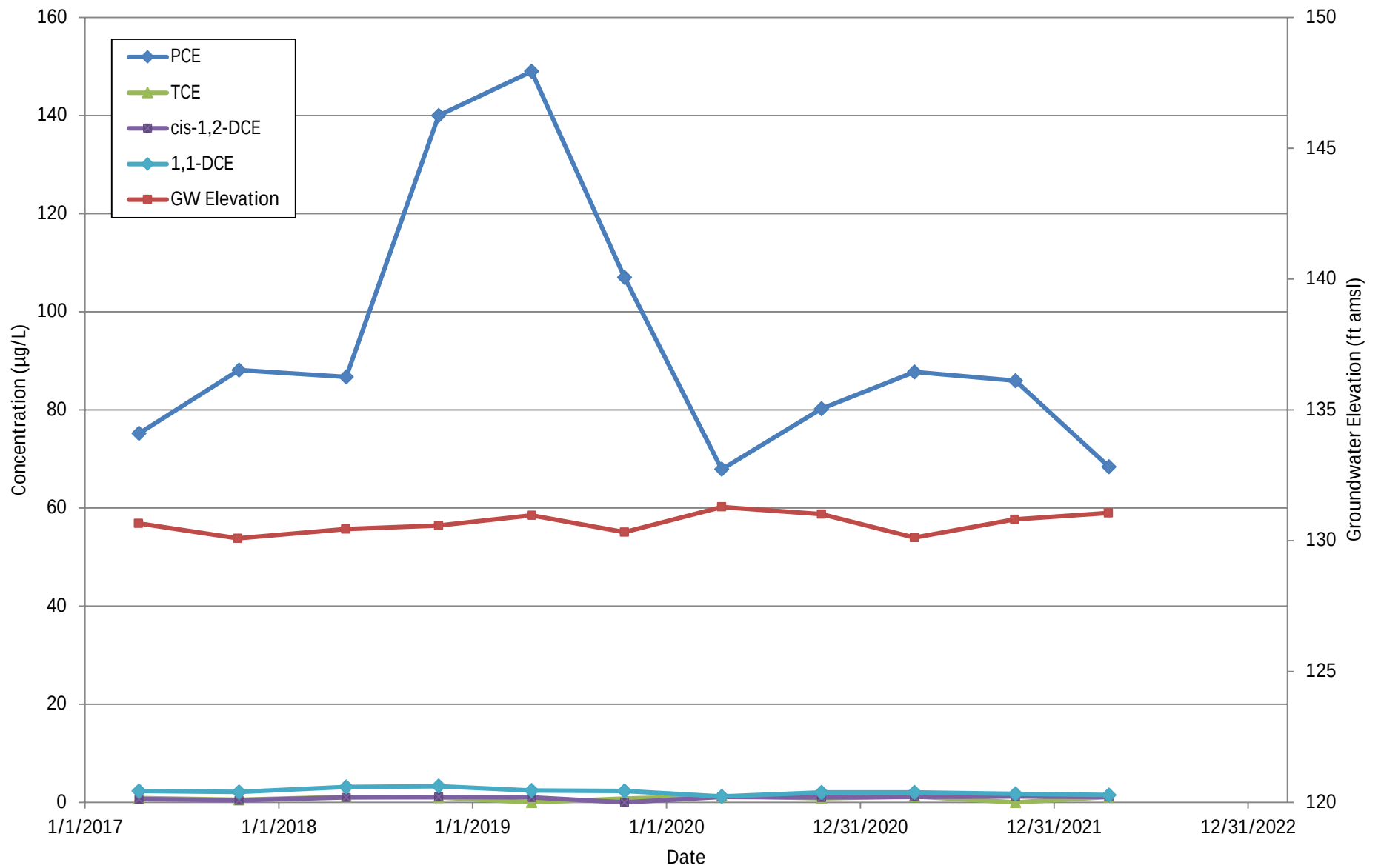
MW-25D Concentrations and Groundwater Elevation with Time



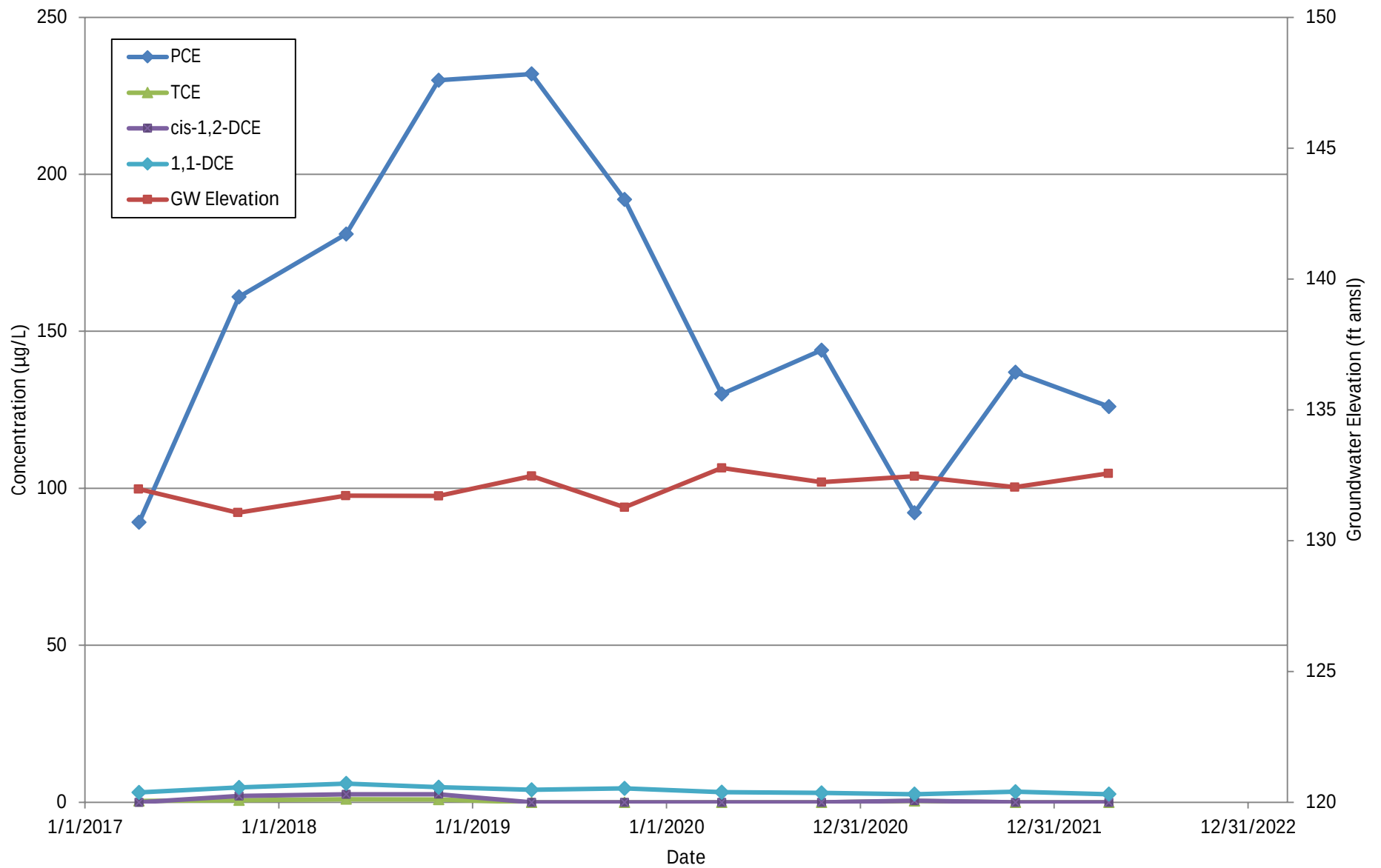
MW-26D Concentrations and Groundwater Elevation with Time



MW-30D Concentrations and Groundwater Elevation with Time



MW-31D Concentrations and Groundwater Elevation with Time



MW-32DR Concentrations and Groundwater Elevation with Time

